**[MS-ADSC]:**

**Active Directory Schema Classes**

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**Revision Summary**

| Date | Revision History | Revision Class | Comments |
| --- | --- | --- | --- |
| 2/22/2007 | 0.01 | New | Version 0.01 release |
| 6/1/2007 | 1.0 | Major | Updated and revised the technical content. |
| 7/3/2007 | 2.0 | Major | Added DFS content. |
| 7/20/2007 | 2.1 | Minor | Enhanced descriptions for MSMQ attributes |
| 8/10/2007 | 2.1.1 | Editorial | Changed language and formatting in the technical content. |
| 9/28/2007 | 2.1.2 | Editorial | Changed language and formatting in the technical content. |
| 10/23/2007 | 2.1.3 | Editorial | Changed language and formatting in the technical content. |
| 11/30/2007 | 3.0 | Major | Added objects. |
| 1/25/2008 | 3.0.1 | Editorial | Changed language and formatting in the technical content. |
| 3/14/2008 | 3.0.2 | Editorial | Changed language and formatting in the technical content. |
| 5/16/2008 | 3.0.3 | Editorial | Changed language and formatting in the technical content. |
| 6/20/2008 | 3.1 | Minor | Clarified the meaning of the technical content. |
| 7/25/2008 | 3.1.1 | Editorial | Changed language and formatting in the technical content. |
| 8/29/2008 | 4.0 | Major | Updated and revised the technical content. |
| 10/24/2008 | 5.0 | Major | Updated and revised the technical content. |
| 12/5/2008 | 6.0 | Major | Updated and revised the technical content. |
| 1/16/2009 | 6.0.1 | Editorial | Changed language and formatting in the technical content. |
| 2/27/2009 | 6.0.2 | Editorial | Changed language and formatting in the technical content. |
| 4/10/2009 | 7.0 | Major | Updated and revised the technical content. |
| 5/22/2009 | 8.0 | Major | Updated and revised the technical content. |
| 7/2/2009 | 8.1 | Minor | Clarified the meaning of the technical content. |
| 8/14/2009 | 8.1.1 | Editorial | Changed language and formatting in the technical content. |
| 9/25/2009 | 9.0 | Major | Updated and revised the technical content. |
| 11/6/2009 | 9.1 | Minor | Clarified the meaning of the technical content. |
| 12/18/2009 | 10.0 | Major | Updated and revised the technical content. |
| 1/29/2010 | 10.1 | Minor | Clarified the meaning of the technical content. |
| 3/12/2010 | 10.1.1 | Editorial | Changed language and formatting in the technical content. |
| 4/23/2010 | 11.0 | Major | Updated and revised the technical content. |
| 6/4/2010 | 12.0 | Major | Updated and revised the technical content. |
| 7/16/2010 | 12.0 | None | No changes to the meaning, language, or formatting of the technical content. |
| 8/27/2010 | 13.0 | Major | Updated and revised the technical content. |
| 10/8/2010 | 14.0 | Major | Updated and revised the technical content. |
| 11/19/2010 | 14.0 | None | No changes to the meaning, language, or formatting of the technical content. |
| 1/7/2011 | 14.1 | Minor | Clarified the meaning of the technical content. |
| 2/11/2011 | 14.1 | None | No changes to the meaning, language, or formatting of the technical content. |
| 3/25/2011 | 14.1 | None | No changes to the meaning, language, or formatting of the technical content. |
| 5/6/2011 | 14.2 | Minor | Clarified the meaning of the technical content. |
| 6/17/2011 | 14.3 | Minor | Clarified the meaning of the technical content. |
| 9/23/2011 | 14.3 | None | No changes to the meaning, language, or formatting of the technical content. |
| 12/16/2011 | 15.0 | Major | Updated and revised the technical content. |
| 3/30/2012 | 15.0 | None | No changes to the meaning, language, or formatting of the technical content. |
| 7/12/2012 | 16.0 | Major | Updated and revised the technical content. |
| 10/25/2012 | 16.1 | Minor | Clarified the meaning of the technical content. |
| 1/31/2013 | 16.1 | None | No changes to the meaning, language, or formatting of the technical content. |
| 8/8/2013 | 17.0 | Major | Updated and revised the technical content. |
| 11/14/2013 | 17.0 | None | No changes to the meaning, language, or formatting of the technical content. |
| 2/13/2014 | 17.0 | None | No changes to the meaning, language, or formatting of the technical content. |
| 5/15/2014 | 18.0 | Major | Updated and revised the technical content. |
| 6/30/2015 | 19.0 | Major | Significantly changed the technical content. |
| 10/16/2015 | 20.0 | Major | Significantly changed the technical content. |
| 7/14/2016 | 21.0 | Major | Significantly changed the technical content. |
| 6/1/2017 | 21.0 | None | No changes to the meaning, language, or formatting of the technical content. |

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# Introduction

Active Directory Schema Classes contains a list of the objects of type "class" that exist in the Active Directory schema. Active Directory and all associated terms and concepts are described in the document titled "Active Directory Technical Specification", which has the following normative reference:

[MS-ADTS] Microsoft Corporation, "Active Directory Technical Specification".

**Note** This document is not intended to stand on its own; it is intended to act as an appendix to the Active Directory Technical Specification, as specified in the normative reference shown above. For details about the Active Directory schema, see [[MS-ADTS]](%5BMS-ADTS%5D.pdf#Section_d243592709994c628c6d13ba31a52e1a) section 3.1.1.2 (Active Directory Schema).

**Note** The object definitions in this document are also available for download in LDAP Data Interchange Format (LDIF) at the following location: [[MSFT-ADSCHEMA]](https://go.microsoft.com/fwlink/?LinkId=212555).

## References

[MS-ADTS] Microsoft Corporation, "[Active Directory Technical Specification](%5BMS-ADTS%5D.pdf#Section_d243592709994c628c6d13ba31a52e1a)".

[MS-DTYP] Microsoft Corporation, "[Windows Data Types](%5BMS-DTYP%5D.pdf#Section_cca2742956894a16b2b49325d93e4ba2)".

[MSFT-ADSCHEMA] Microsoft Corporation, "Combined Active Directory Schema Classes and Attributes for Windows Server", December 2013, [http://www.microsoft.com/downloads/en/details.aspx?displaylang=en&FamilyID=da2fc73a-3d35-484c-9bea-f023dcba7275](https://go.microsoft.com/fwlink/?LinkId=212555)

[RFC1035] Mockapetris, P., "Domain Names - Implementation and Specification", STD 13, RFC 1035, November 1987, [http://www.ietf.org/rfc/rfc1035.txt](https://go.microsoft.com/fwlink/?LinkId=90264)

[RFC1831] Srinivasan, R., "RPC: Remote Procedure Call Protocol Specification Version 2", RFC 1831, August 1995, [http://www.ietf.org/rfc/rfc1831.txt](https://go.microsoft.com/fwlink/?LinkId=90295)

[RFC2181] Elz, R., and Bush, R., "Clarifications to the DNS Specification", RFC 2181, July 1997, [http://www.ietf.org/rfc/rfc2181.txt](https://go.microsoft.com/fwlink/?LinkId=127732)

[RFC2849] Good, G., "The LDAP Data Interchange Format (LDIF) - Technical Specification", RFC 2849, June 2000, [http://www.ietf.org/rfc/rfc2849.txt](https://go.microsoft.com/fwlink/?LinkId=90389)

[RFC4524] Zeilenga, K., Ed., "COSINE LDAP/X.500 Schema", RFC 4524, June 2006, [http://www.rfc-editor.org/rfc/rfc4524.txt](https://go.microsoft.com/fwlink/?LinkId=196119)

# Classes

The following sections specify the classes in the Active Directory schema.

These sections normatively specify the schema definition of each class and version-specific behavior of those schema definitions (such as when the class was added to the schema). Additionally, as an aid to the reader some of the sections include informative notes about how the class can be used.

**Note**  In the following class definitions, "<SchemaNCDN>" is the DN of the schema NC. For more information, see [[MS-ADTS]](%5BMS-ADTS%5D.pdf#Section_d243592709994c628c6d13ba31a52e1a) section 3.1.1.1.7.

**Note**  Lines of text in the class definitions that are excessively long have been "folded" in accordance with [[RFC2849]](https://go.microsoft.com/fwlink/?LinkId=90389) Note 2.

## Class account

This class is not used. It is included for compatibility with [[RFC4524]](https://go.microsoft.com/fwlink/?LinkId=196119) section 3.1.

1. cn: account
2. ldapDisplayName: account
3. governsId: 0.9.2342.19200300.100.4.5
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: uid, host, ou, o, l, seeAlso, description
8. possSuperiors: organizationalUnit, container
9. schemaIdGuid: 2628a46a-a6ad-4ae0-b854-2b12d9fe6f9e
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=account,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 operating system, Windows Server 2003 R2 operating system, Windows Server 2008 operating system, Windows Server 2008 R2 operating system, Windows Server 2012 operating system, Windows Server 2012 R2 operating system, and Windows Server 2016 operating system.

## Class aCSPolicy

The Admission Control Service (ACS) bandwidth allocation policy for a user or profile.

1. cn: ACS-Policy
2. ldapDisplayName: aCSPolicy
3. governsId: 1.2.840.113556.1.5.137
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: aCSTotalNoOfFlows, aCSTimeOfDay, aCSServiceType,
8. aCSPriority, aCSPermissionBits, aCSMinimumDelayVariation,
9. aCSMinimumLatency, aCSMaximumSDUSize, aCSMinimumPolicedSize,
10. aCSMaxTokenRatePerFlow, aCSMaxTokenBucketPerFlow,
11. aCSMaxPeakBandwidthPerFlow, aCSMaxDurationPerFlow,
12. aCSMaxAggregatePeakRatePerUser, aCSIdentityName, aCSDirection,
13. aCSAggregateTokenRatePerUser
14. systemPossSuperiors: container
15. schemaIdGuid: 7f561288-5301-11d1-a9c5-0000f80367c1
16. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
17. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
18. defaultHidingValue: TRUE
19. systemOnly: FALSE
20. defaultObjectCategory: CN=ACS-Policy,<SchemaNCDN>
21. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server operating system, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class aCSResourceLimits

Contains reservable resource limits for a subnet. These limits can be for each ACS service type or for all service types.

1. cn: ACS-Resource-Limits
2. ldapDisplayName: aCSResourceLimits
3. governsId: 1.2.840.113556.1.5.191
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: aCSMaxTokenRatePerFlow, aCSServiceType,
8. aCSMaxPeakBandwidthPerFlow, aCSMaxPeakBandwidth,
9. aCSAllocableRSVPBandwidth
10. systemPossSuperiors: container
11. schemaIdGuid: 2e899b04-2834-11d3-91d4-0000f87a57d4
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=ACS-Resource-Limits,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class aCSSubnet

Contains configuration parameters for an ACS server.

1. cn: ACS-Subnet
2. ldapDisplayName: aCSSubnet
3. governsId: 1.2.840.113556.1.5.138
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: aCSServerList, aCSRSVPLogFilesLocation,
8. aCSRSVPAccountFilesLocation, aCSNonReservedTxSize,
9. aCSNonReservedTxLimit, aCSNonReservedTokenSize,
10. aCSNonReservedPeakRate, aCSNonReservedMinPolicedSize,
11. aCSNonReservedMaxSDUSize, aCSMaxTokenRatePerFlow,
12. aCSMaxSizeOfRSVPLogFile, aCSMaxSizeOfRSVPAccountFile,
13. aCSMaxPeakBandwidthPerFlow, aCSMaxPeakBandwidth, aCSMaxNoOfLogFiles,
14. aCSMaxNoOfAccountFiles, aCSMaxDurationPerFlow, aCSEventLogLevel,
15. aCSEnableRSVPMessageLogging, aCSEnableRSVPAccounting,
16. aCSEnableACSService, aCSDSBMRefresh, aCSDSBMPriority,
17. aCSDSBMDeadTime, aCSCacheTimeout, aCSAllocableRSVPBandwidth
18. systemPossSuperiors: container
19. schemaIdGuid: 7f561289-5301-11d1-a9c5-0000f80367c1
20. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
21. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
22. defaultHidingValue: TRUE
23. systemOnly: FALSE
24. defaultObjectCategory: CN=ACS-Subnet,<SchemaNCDN>
25. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class addressBookContainer

A container for holding members of an address-book view.

1. cn: Address-Book-Container
2. ldapDisplayName: addressBookContainer
3. governsId: 1.2.840.113556.1.5.125
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: displayName
8. systemMayContain: purportedSearch
9. systemPossSuperiors: addressBookContainer, configuration
10. schemaIdGuid: 3e74f60f-3e73-11d1-a9c0-0000f80367c1
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. (OA;;CR;a1990816-4298-11d1-ade2-00c04fd8d5cd;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Address-Book-Container,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class addressTemplate

Specifies information for a display template.

1. cn: Address-Template
2. ldapDisplayName: addressTemplate
3. governsId: 1.2.840.113556.1.3.58
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: displayTemplate
7. systemMustContain: displayName
8. systemMayContain: proxyGenerationEnabled, perRecipDialogDisplayTable,
9. perMsgDialogDisplayTable, addressType, addressSyntax
10. systemPossSuperiors: container
11. schemaIdGuid: 5fd4250a-1262-11d0-a060-00aa006c33ed
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Address-Template,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class applicationEntity

The X.500 base class for applicationEntity.

1. cn: Application-Entity
2. ldapDisplayName: applicationEntity
3. governsId: 2.5.6.12
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: presentationAddress, cn
8. systemMayContain: supportedApplicationContext, seeAlso, ou, o, l
9. systemPossSuperiors: applicationProcess, organizationalUnit,
10. container
11. schemaIdGuid: 3fdfee4f-47f4-11d1-a9c3-0000f80367c1
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Application-Entity,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class applicationProcess

The X.500 base class for applicationProcess.

1. cn: Application-Process
2. ldapDisplayName: applicationProcess
3. governsId: 2.5.6.11
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: cn
8. systemMayContain: seeAlso, ou, l
9. systemPossSuperiors: organizationalUnit, organization, container,
10. computer
11. schemaIdGuid: 5fd4250b-1262-11d0-a060-00aa006c33ed
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: TRUE
16. defaultObjectCategory: CN=Application-Process,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class applicationSettings

A base class for server-specific application settings.

1. cn: Application-Settings
2. ldapDisplayName: applicationSettings
3. governsId: 1.2.840.113556.1.5.7000.49
4. objectClassCategory: 2
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: notificationList, msDS-Settings, applicationName
8. systemPossSuperiors: server
9. schemaIdGuid: f780acc1-56f0-11d1-a9c6-0000f80367c1
10. defaultHidingValue: TRUE
11. systemOnly: FALSE
12. defaultObjectCategory: CN=Application-Settings,<SchemaNCDN>
13. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class applicationSiteSettings

The container that holds all site-specific settings.

1. cn: Application-Site-Settings
2. ldapDisplayName: applicationSiteSettings
3. governsId: 1.2.840.113556.1.5.68
4. objectClassCategory: 2
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: notificationList, applicationName
8. systemPossSuperiors: site
9. schemaIdGuid: 19195a5c-6da0-11d0-afd3-00c04fd930c9
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Application-Site-Settings,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class applicationVersion

Stores versioning information for an application and its schema.

1. cn: Application-Version
2. ldapDisplayName: applicationVersion
3. governsId: 1.2.840.113556.1.5.216
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: applicationSettings
7. mayContain: owner, managedBy, keywords, versionNumberLo,
8. versionNumberHi, versionNumber, vendor, appSchemaVersion
9. possSuperiors: organizationalUnit, computer, container
10. schemaIdGuid: ddc790ac-af4d-442a-8f0f-a1d4caa7dd92
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=Application-Version,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class attributeSchema

Defines an attribute object in the schema.

1. cn: Attribute-Schema
2. ldapDisplayName: attributeSchema
3. governsId: 1.2.840.113556.1.3.14
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: schemaIDGUID, oMSyntax, lDAPDisplayName,
8. isSingleValued, cn, attributeSyntax, attributeID
9. systemMayContain: systemOnly, searchFlags, schemaFlagsEx, rangeUpper,
10. rangeLower, oMObjectClass, msDs-Schema-Extensions, msDS-IntId,
11. mAPIID, linkID, isMemberOfPartialAttributeSet, isEphemeral,
12. isDefunct, extendedCharsAllowed, classDisplayName,
13. attributeSecurityGUID
14. systemPossSuperiors: dMD
15. schemaIdGuid: bf967a80-0de6-11d0-a285-00aa003049e2
16. defaultSecurityDescriptor: D:S:
17. defaultHidingValue: TRUE
18. systemOnly: FALSE
19. defaultObjectCategory: CN=Attribute-Schema,<SchemaNCDN>
20. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT | FLAG\_DOMAIN\_DISALLOW\_RENAME

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class bootableDevice

Represents a device that has boot parameters.

1. cn: BootableDevice
2. ldapDisplayName: bootableDevice
3. governsId: 1.3.6.1.1.1.2.12
4. objectClassCategory: 3
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: cn, bootParameter, bootFile
8. schemaIdGuid: 4bcb2477-4bb3-4545-a9fc-fb66e136b435
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=BootableDevice,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class builtinDomain

The container that holds the default groups for a domain.

1. cn: Builtin-Domain
2. ldapDisplayName: builtinDomain
3. governsId: 1.2.840.113556.1.5.4
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemAuxiliaryClass: samDomainBase
8. systemPossSuperiors: domainDNS
9. schemaIdGuid: bf967a81-0de6-11d0-a285-00aa003049e2
10. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Builtin-Domain,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class categoryRegistration

The registration information for a component category.

1. cn: Category-Registration
2. ldapDisplayName: categoryRegistration
3. governsId: 1.2.840.113556.1.5.74
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: leaf
7. systemMayContain: managedBy, localizedDescription, localeID,
8. categoryId
9. systemPossSuperiors: classStore
10. schemaIdGuid: 7d6c0e9d-7e20-11d0-afd6-00c04fd930c9
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=Category-Registration,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class certificationAuthority

Represents a process that issues public key certificates, for example, Active Directory Certificate Services (AD CS).

1. cn: Certification-Authority
2. ldapDisplayName: certificationAuthority
3. governsId: 2.5.6.16
4. objectClassCategory: 0
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: cn, certificateRevocationList, cACertificate,
8. authorityRevocationList
9. systemMayContain: teletexTerminalIdentifier,
10. supportedApplicationContext, signatureAlgorithms, searchGuide,
11. previousParentCA, previousCACertificates, pendingParentCA,
12. pendingCACertificates, parentCACertificateChain, parentCA,
13. enrollmentProviders, domainPolicyObject, domainID, dNSHostName,
14. deltaRevocationList, currentParentCA, crossCertificatePair,
15. cRLObject, certificateTemplates, cAWEBURL, cAUsages, cAConnect,
16. cACertificateDN
17. systemPossSuperiors: container
18. schemaIdGuid: 3fdfee50-47f4-11d1-a9c3-0000f80367c1
19. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
20. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
21. defaultHidingValue: TRUE
22. systemOnly: FALSE
23. defaultObjectCategory: CN=Certification-Authority,<SchemaNCDN>
24. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class classRegistration

The registration information for a Component Object Model (COM) object.

1. cn: Class-Registration
2. ldapDisplayName: classRegistration
3. governsId: 1.2.840.113556.1.5.10
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: leaf
7. systemMayContain: requiredCategories, managedBy,
8. implementedCategories, cOMTreatAsClassId, cOMProgID,
9. cOMOtherProgId, cOMInterfaceID, cOMCLSID
10. systemPossSuperiors: classStore
11. schemaIdGuid: bf967a82-0de6-11d0-a285-00aa003049e2
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Class-Registration,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class classSchema

Defines a class object in the schema.

1. cn: Class-Schema
2. ldapDisplayName: classSchema
3. governsId: 1.2.840.113556.1.3.13
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: subClassOf, schemaIDGUID, objectClassCategory,
8. governsID, defaultObjectCategory, cn
9. systemMayContain: systemPossSuperiors, systemOnly, systemMustContain,
10. systemMayContain, systemAuxiliaryClass, schemaFlagsEx, rDNAttID,
11. possSuperiors, mustContain, msDs-Schema-Extensions, msDS-IntId,
12. mayContain, lDAPDisplayName, isDefunct, defaultSecurityDescriptor,
13. defaultHidingValue, classDisplayName, auxiliaryClass
14. systemPossSuperiors: dMD
15. schemaIdGuid: bf967a83-0de6-11d0-a285-00aa003049e2
16. defaultSecurityDescriptor: D:S:
17. defaultHidingValue: TRUE
18. systemOnly: FALSE
19. defaultObjectCategory: CN=Class-Schema,<SchemaNCDN>
20. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT | FLAG\_DOMAIN\_DISALLOW\_RENAME

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class classStore

Used to create the class store container, which provides the framework for deploying application resources in Active Directory Domain Services (on Windows Server 2008, Windows Server 2008 R2, and Windows Server 2012) and in the Active Directory directory service (on Windows Server 2003 R2, Windows Server 2003, and Windows 2000 Server). This class makes the deployment policy available to policy recipients; that is, to users and machines. Access and administration privileges are controlled by standard access control properties on the class store container object.

1. cn: Class-Store
2. ldapDisplayName: classStore
3. governsId: 1.2.840.113556.1.5.44
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: versionNumber, nextLevelStore, lastUpdateSequence,
8. appSchemaVersion
9. systemPossSuperiors: domainPolicy, computer, group, user, classStore,
10. organizationalUnit, domainDNS, container
11. schemaIdGuid: bf967a84-0de6-11d0-a285-00aa003049e2
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Class-Store,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class comConnectionPoint

The binding for running the COM or DCOM service.

1. cn: Com-Connection-Point
2. ldapDisplayName: comConnectionPoint
3. governsId: 1.2.840.113556.1.5.11
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: connectionPoint
7. systemMustContain: cn
8. systemMayContain: monikerDisplayName, moniker, marshalledInterface
9. systemPossSuperiors: container
10. schemaIdGuid: bf967a85-0de6-11d0-a285-00aa003049e2
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=Com-Connection-Point,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class computer

A class that represents a computer account in the domain.

1. cn: Computer
2. ldapDisplayName: computer
3. governsId: 1.2.840.113556.1.3.30
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: user
7. auxiliaryClass: ipHost
8. mayContain: msSFU30Aliases, msSFU30NisDomain, nisMapName,
9. msSFU30Name
10. systemMayContain: msTSSecondaryDesktopBL, msTSPrimaryDesktopBL,
11. msTSEndpointData, msTSEndpointType,
12. msTSEndpointPlugin, msDS-HostServiceAccount,
13. msDS-IsUserCachableAtRodc, msTSProperty02,
14. msTSProperty01, msTPM-OwnerInformation, msDS-RevealOnDemandGroup,
15. msDS-NeverRevealGroup, msDS-PromotionSettings, msDS-SiteName,
16. msDS-isRODC, msDS-isGC, msDS-AuthenticatedAtDC, msDS-RevealedList,
17. msDS-RevealedUsers, msDS-ExecuteScriptPassword, msDS-KrbTgtLink,
18. volumeCount, siteGUID, rIDSetReferences, policyReplicationFlags,
19. physicalLocationObject, operatingSystemVersion,
20. operatingSystemServicePack, operatingSystemHotfix, operatingSystem,
21. networkAddress, netbootDUID, netbootSIFFile, netbootMirrorDataFile,
22. netbootMachineFilePath, netbootInitialization, netbootGUID,
23. msDS-AdditionalSamAccountName, msDS-AdditionalDnsHostName,
24. managedBy, machineRole, location, localPolicyFlags, dNSHostName,
25. defaultLocalPolicyObject, cn, catalogs, msTPM-TpmInformationForComputer,
26. msDS-GenerationId, msImaging-ThumbprintHash, msImaging-HashAlgorithm
27. systemPossSuperiors: container, organizationalUnit, domainDNS
28. schemaIdGuid: bf967a86-0de6-11d0-a285-00aa003049e2
29. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
30. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;AO)
31. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPCRLCLORCSDDT;;;CO)
32. (OA;;WP;4c164200-20c0-11d0-a768-00aa006e0529;;CO)(A;;RPLCLORC;;;AU)
33. (OA;;CR;ab721a53-1e2f-11d0-9819-00aa0040529b;;WD)(A;;CCDC;;;PS)
34. (OA;;CCDC;bf967aa8-0de6-11d0-a285-00aa003049e2;;PO)
35. (OA;;RPWP;bf967a7f-0de6-11d0-a285-00aa003049e2;;CA)
36. (OA;;SW;f3a64788-5306-11d1-a9c5-0000f80367c1;;PS)
37. (OA;;RPWP;77B5B886-944A-11d1-AEBD-0000F80367C1;;PS)
38. (OA;;SW;72e39547-7b18-11d1-adef-00c04fd8d5cd;;PS)
39. (OA;;SW;72e39547-7b18-11d1-adef-00c04fd8d5cd;;CO)
40. (OA;;SW;f3a64788-5306-11d1-a9c5-0000f80367c1;;CO)
41. (OA;;WP;3e0abfd0-126a-11d0-a060-00aa006c33ed;
42. bf967a86-0de6-11d0-a285-00aa003049e2;CO)
43. (OA;;WP;5f202010-79a5-11d0-9020-00c04fc2d4cf;
44. bf967a86-0de6-11d0-a285-00aa003049e2;CO)
45. (OA;;WP;bf967950-0de6-11d0-a285-00aa003049e2;
46. bf967a86-0de6-11d0-a285-00aa003049e2;CO)
47. (OA;;WP;bf967953-0de6-11d0-a285-00aa003049e2;
48. bf967a86-0de6-11d0-a285-00aa003049e2;CO)
49. (OA;;RP;46a9b11d-60ae-405a-b7e8-ff8a58d456d2;;S-1-5-32-560)
50. defaultHidingValue: FALSE
51. systemOnly: FALSE
52. defaultObjectCategory: CN=Computer,<SchemaNCDN>
53. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class configuration

A container that holds the configuration information for a domain.

1. cn: Configuration
2. ldapDisplayName: configuration
3. governsId: 1.2.840.113556.1.5.12
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: cn
8. systemMayContain: msDS-USNLastSyncSuccess, gPOptions, gPLink
9. systemPossSuperiors: domainDNS
10. schemaIdGuid: bf967a87-0de6-11d0-a285-00aa003049e2
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: TRUE
15. defaultObjectCategory: CN=Configuration,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class connectionPoint

The base class from which all connectible objects are derived.

1. cn: Connection-Point
2. ldapDisplayName: connectionPoint
3. governsId: 1.2.840.113556.1.5.14
4. objectClassCategory: 2
5. rdnAttId: cn
6. subClassOf: leaf
7. systemMustContain: cn
8. systemMayContain: msDS-Settings, managedBy, keywords
9. systemPossSuperiors: container, computer
10. schemaIdGuid: 5cb41ecf-0e4c-11d0-a286-00aa003049e2
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=Connection-Point,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class contact

A class that contains information about a person or company that users might often contact.

1. cn: Contact
2. ldapDisplayName: contact
3. governsId: 1.2.840.113556.1.5.15
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: organizationalPerson
7. systemAuxiliaryClass: mailRecipient
8. systemMustContain: cn
9. mayContain: msDS-SourceObjectDN
10. systemMayContain: notes
11. systemPossSuperiors: organizationalUnit, domainDNS
12. schemaIdGuid: 5cb41ed0-0e4c-11d0-a286-00aa003049e2
13. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
15. defaultHidingValue: FALSE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=Person,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class container

A class that is used to hold other classes.

1. cn: Container
2. ldapDisplayName: container
3. governsId: 1.2.840.113556.1.3.23
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: cn
8. mayContain: msDS-ObjectReference
9. systemMayContain: schemaVersion, defaultClassStore
10. systemPossSuperiors: msDS-AzScope, msDS-AzApplication,
11. msDS-AzAdminManager, subnet, server, nTDSService, domainDNS,
12. organization, configuration, container, organizationalUnit
13. schemaIdGuid: bf967a8b-0de6-11d0-a285-00aa003049e2
14. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
16. defaultHidingValue: TRUE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=Container,<SchemaNCDN>
19. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class controlAccessRight

Identifies an extended right that can be granted or revoked by means of an access control list (ACL).

1. cn: Control-Access-Right
2. ldapDisplayName: controlAccessRight
3. governsId: 1.2.840.113556.1.5.77
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: validAccesses, rightsGuid, localizationDisplayId,
8. appliesTo
9. systemPossSuperiors: container
10. schemaIdGuid: 8297931e-86d3-11d0-afda-00c04fd930c9
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=Control-Access-Right,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class country

The country/region in the address of the user. This class specifies the full name of the country/region.

1. cn: Country
2. ldapDisplayName: country
3. governsId: 2.5.6.2
4. objectClassCategory: 0
5. rdnAttId: c
6. subClassOf: top
7. systemMustContain: c
8. systemMayContain: co, searchGuide
9. systemPossSuperiors: domainDNS, organization
10. schemaIdGuid: bf967a8c-0de6-11d0-a285-00aa003049e2
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=Country,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class cRLDistributionPoint

The object that holds the certificate, authority, and delta revocation lists.

1. cn: CRL-Distribution-Point
2. ldapDisplayName: cRLDistributionPoint
3. governsId: 2.5.6.19
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: cn
8. systemMayContain: deltaRevocationList, cRLPartitionedRevocationList,
9. certificateRevocationList, certificateAuthorityObject,
10. authorityRevocationList
11. systemPossSuperiors: container
12. schemaIdGuid: 167758ca-47f3-11d1-a9c3-0000f80367c1
13. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=CRL-Distribution-Point,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class crossRef

Holds knowledge information about all directory service (DS) naming contexts and all external directories to which referrals can be generated.

1. cn: Cross-Ref
2. ldapDisplayName: crossRef
3. governsId: 1.2.840.113556.1.3.11
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: nCName, dnsRoot, cn
8. systemMayContain: msDS-NC-RO-Replica-Locations, trustParent,
9. superiorDNSRoot, rootTrust, nTMixedDomain, nETBIOSName, Enabled,
10. msDS-SDReferenceDomain,
11. msDS-Replication-Notify-Subsequent-DSA-Delay,
12. msDS-Replication-Notify-First-DSA-Delay, msDS-NC-Replica-Locations,
13. msDS-DnsRootAlias, msDS-Behavior-Version
14. systemPossSuperiors: crossRefContainer
15. schemaIdGuid: bf967a8d-0de6-11d0-a285-00aa003049e2
16. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
17. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
18. defaultHidingValue: TRUE
19. systemOnly: FALSE
20. defaultObjectCategory: CN=Cross-Ref,<SchemaNCDN>
21. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class crossRefContainer

Holds the cross-reference objects for all naming contexts.

1. cn: Cross-Ref-Container
2. ldapDisplayName: crossRefContainer
3. governsId: 1.2.840.113556.1.5.7000.53
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDS-EnabledFeature, msDS-SPNSuffixes, uPNSuffixes,
8. msDS-UpdateScript, msDS-ExecuteScriptPassword, msDS-Behavior-Version
9. systemPossSuperiors: configuration
10. schemaIdGuid: ef9e60e0-56f7-11d1-a9c6-0000f80367c1
11. defaultSecurityDescriptor: D:(A;;GA;;;SY)
12. defaultHidingValue: FALSE
13. systemOnly: TRUE
14. defaultObjectCategory: CN=Cross-Ref-Container,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class device

A generic base class for physical devices.

1. cn: Device
2. ldapDisplayName: device
3. governsId: 2.5.6.14
4. objectClassCategory: 0
5. rdnAttId: cn
6. subClassOf: top
7. auxiliaryClass: ipHost, ieee802Device, bootableDevice
8. systemMustContain: cn
9. mayContain: msSFU30Name, msSFU30NisDomain, nisMapName, msSFU30Aliases
10. systemMayContain: serialNumber, seeAlso, owner, ou, o, l
11. systemPossSuperiors: domainDNS, organizationalUnit, organization,
12. container
13. schemaIdGuid: bf967a8e-0de6-11d0-a285-00aa003049e2
14. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
16. defaultHidingValue: TRUE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=Device,<SchemaNCDN>
19. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class dfsConfiguration

Holds all fault-tolerant Distributed File System (DFS) configurations.

1. cn: Dfs-Configuration
2. ldapDisplayName: dfsConfiguration
3. governsId: 1.2.840.113556.1.5.42
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: container, domainDNS
8. schemaIdGuid: 8447f9f2-1027-11d0-a05f-00aa006c33ed
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=Dfs-Configuration,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class dHCPClass

Represents a Dynamic Host Configuration Protocol (DHCP) server or set of servers.

1. cn: DHCP-Class
2. ldapDisplayName: dHCPClass
3. governsId: 1.2.840.113556.1.5.132
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: dhcpUniqueKey, dhcpType, dhcpIdentification,
8. dhcpFlags
9. systemMayContain: superScopes, superScopeDescription,
10. optionsLocation, optionDescription, networkAddress, mscopeId,
11. dhcpUpdateTime, dhcpSubnets, dhcpState, dhcpSites, dhcpServers,
12. dhcpReservations, dhcpRanges, dhcpProperties, dhcpOptions,
13. dhcpObjName, dhcpObjDescription, dhcpMaxKey, dhcpMask, dhcpClasses
14. systemPossSuperiors: container
15. schemaIdGuid: 963d2756-48be-11d1-a9c3-0000f80367c1
16. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
17. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
18. defaultHidingValue: TRUE
19. systemOnly: FALSE
20. defaultObjectCategory: CN=DHCP-Class,<SchemaNCDN>
21. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class displaySpecifier

Describes the context menus and property pages to use with an object in the directory.

1. cn: Display-Specifier
2. ldapDisplayName: displaySpecifier
3. governsId: 1.2.840.113556.1.5.84
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: treatAsLeaf, shellPropertyPages, shellContextMenu,
8. scopeFlags, queryFilter, iconPath, extraColumns, creationWizard,
9. createWizardExt, createDialog, contextMenu, classDisplayName,
10. attributeDisplayNames, adminPropertyPages,
11. adminMultiselectPropertyPages, adminContextMenu
12. systemPossSuperiors: container
13. schemaIdGuid: e0fa1e8a-9b45-11d0-afdd-00c04fd930c9
14. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
16. defaultHidingValue: TRUE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=Display-Specifier,<SchemaNCDN>
19. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class displayTemplate

Specifies information for an address template.

1. cn: Display-Template
2. ldapDisplayName: displayTemplate
3. governsId: 1.2.840.113556.1.3.59
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: cn
8. systemMayContain: originalDisplayTableMSDOS, originalDisplayTable,
9. helpFileName, helpData32, helpData16, addressEntryDisplayTableMSDOS,
10. addressEntryDisplayTable
11. systemPossSuperiors: container
12. schemaIdGuid: 5fd4250c-1262-11d0-a060-00aa006c33ed
13. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=Display-Template,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class dMD

Holds the schema for Active Directory Domain Services (AD DS) and the Active Directory directory service. The Lightweight Directory Access Protocol (LDAP) name dMD stands for Directory Management Domain.

1. cn: DMD
2. ldapDisplayName: dMD
3. governsId: 1.2.840.113556.1.3.9
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: cn
8. systemMayContain: msDS-USNLastSyncSuccess, schemaUpdate, schemaInfo,
9. prefixMap, msDs-Schema-Extensions, msDS-IntId, dmdName
10. systemPossSuperiors: configuration
11. schemaIdGuid: bf967a8f-0de6-11d0-a285-00aa003049e2
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: TRUE
16. defaultObjectCategory: CN=DMD,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class dnsNode

Holds the domain name system (DNS) resource records for a single host.

1. cn: Dns-Node
2. ldapDisplayName: dnsNode
3. governsId: 1.2.840.113556.1.5.86
4. objectClassCategory: 1
5. rdnAttId: dc
6. subClassOf: top
7. systemMustContain: dc
8. systemMayContain: dNSTombstoned, dnsRecord, dNSProperty
9. systemPossSuperiors: dnsZone, dnsZoneScope
10. schemaIdGuid: e0fa1e8c-9b45-11d0-afdd-00c04fd930c9
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;ED)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)(A;;RPLCLORC;;;WD)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=Dns-Node,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class dnsZone

The container for DNS nodes. This class holds zone metadata.

1. cn: Dns-Zone
2. ldapDisplayName: dnsZone
3. governsId: 1.2.840.113556.1.5.85
4. objectClassCategory: 1
5. rdnAttId: dc
6. subClassOf: top
7. systemMustContain: dc
8. systemMayContain: managedBy, dnsSecureSecondaries, dNSProperty,
9. dnsNotifySecondaries, dnsAllowXFR, dnsAllowDynamic, msDNS-IsSigned,
10. msDNS-SignWithNSEC3, msDNS-NSEC3OptOut, msDNS-MaintainTrustAnchor,
11. msDNS-DSRecordAlgorithms, msDNS-RFC5011KeyRollovers,
12. msDNS-NSEC3HashAlgorithm, msDNS-NSEC3RandomSaltLength,
13. msDNS-NSEC3Iterations, msDNS-DNSKEYRecordSetTTL, msDNS-DSRecordSetTTL,
14. msDNS-SignatureInceptionOffset, msDNS-SecureDelegationPollingPeriod,
15. msDNS-SigningKeyDescriptors, msDNS-SigningKeys, msDNS-DNSKEYRecords,
16. msDNS-ParentHasSecureDelegation, msDNS-PropagationTime,
17. msDNS-NSEC3UserSalt, msDNS-NSEC3CurrentSalt
18. systemPossSuperiors: container
19. schemaIdGuid: e0fa1e8b-9b45-11d0-afdd-00c04fd930c9
20. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
21. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;ED)
22. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;CC;;;AU)(A;;RPLCLORC;;;WD)
23. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
24. defaultHidingValue: TRUE
25. systemOnly: FALSE
26. defaultObjectCategory: CN=Dns-Zone,<SchemaNCDN>
27. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class dnsZoneScope

A copy of a zone, but with a different set of resource records.

1. cn: Dns-Zone-Scope
2. ldapDisplayName: dnsZoneScope
3. governsId: 1.2.840.113556.1.5.301
4. objectClassCategory: 1
5. rDNAttID: cn
6. subClassOf: top
7. systemPossSuperiors: dnsZoneScopeContainer
8. systemMustContain: dc
9. systemMayContain: dNSProperty, managedBy
10. schemaIdGuid: 696f8a61-2d3f-40ce-a4b3-e275dfcc49c5
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;ED)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
13. (A;;CC;;;AU)(A;;RPLCLORC;;;WD)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Dns-Zone-Scope,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT
18. showInAdvancedViewOnly: TRUE

Version-Specific Behavior: Implemented on Windows Server 2016.

## Class dnsZoneScopeContainer

The container for DNS Zone Scope objects.

1. cn: Dns-Zone-Scope-Container
2. ldapDisplayName: dnsZoneScopeContainer
3. governsId: 1.2.840.113556.1.5.300
4. objectClassCategory: 1
5. rDNAttID: cn
6. subClassOf: top
7. systemPossSuperiors: dnsZone
8. schemaIdGuid: f2699093-f25a-4220-9deb-03df4cc4a9c5
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;ED)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
11. (A;;CC;;;AU)(A;;RPLCLORC;;;WD)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Dns-Zone-Scope-Container,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT
16. showInAdvancedViewOnly: TRUE

Version-Specific Behavior: Implemented on Windows Server 2016.

## Class document

Defines entries that represent documents.

1. cn: document
2. ldapDisplayName: document
3. governsId: 0.9.2342.19200300.100.4.6
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: documentIdentifier, documentPublisher, documentLocation,
8. documentAuthor, documentVersion, documentTitle, ou, o, l, seeAlso,
9. description, cn
10. possSuperiors: organizationalUnit, container
11. schemaIdGuid: 39bad96d-c2d6-4baf-88ab-7e4207600117
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=document,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class documentSeries

Defines an entry that represents a series of documents.

1. cn: documentSeries
2. ldapDisplayName: documentSeries
3. governsId: 0.9.2342.19200300.100.4.9
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: cn
8. mayContain: telephoneNumber, ou, o, l, seeAlso, description
9. possSuperiors: organizationalUnit, container
10. schemaIdGuid: 7a2be07c-302f-4b96-bc90-0795d66885f8
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=documentSeries,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class domain

Contains information about a domain.

1. cn: Domain
2. ldapDisplayName: domain
3. governsId: 1.2.840.113556.1.5.66
4. objectClassCategory: 2
5. rdnAttId: dc
6. subClassOf: top
7. systemMustContain: dc
8. systemPossSuperiors: domain, organization
9. schemaIdGuid: 19195a5a-6da0-11d0-afd3-00c04fd930c9
10. defaultHidingValue: TRUE
11. systemOnly: FALSE
12. defaultObjectCategory: CN=Domain-DNS,<SchemaNCDN>
13. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class domainDNS

A Windows NT operating system domain that has DNS-based (DC=) naming.

1. cn: Domain-DNS
2. ldapDisplayName: domainDNS
3. governsId: 1.2.840.113556.1.5.67
4. objectClassCategory: 1
5. rdnAttId: dc
6. subClassOf: domain
7. systemAuxiliaryClass: samDomain
8. systemMayContain: msDS-EnabledFeature, msDS-USNLastSyncSuccess,
9. msDS-Behavior-Version, msDS-AllowedDNSSuffixes, managedBy,
10. msDS-ExpirePasswordsOnSmartCardOnlyAccounts
11. systemPossSuperiors: domainDNS
12. schemaIdGuid: 19195a5b-6da0-11d0-afd3-00c04fd930c9
13. defaultSecurityDescriptor: D:
14. (OA;;CR;1131f6aa-9c07-11d1-f79f-00c04fc2dcd2;;RO)(A;;RP;;;WD)
15. (OA;;CR;1131f6aa-9c07-11d1-f79f-00c04fc2dcd2;;ED)
16. (OA;;CR;1131f6ab-9c07-11d1-f79f-00c04fc2dcd2;;ED)
17. (OA;;CR;1131f6ac-9c07-11d1-f79f-00c04fc2dcd2;;ED)
18. (OA;;CR;1131f6aa-9c07-11d1-f79f-00c04fc2dcd2;;BA)
19. (OA;;CR;1131f6ab-9c07-11d1-f79f-00c04fc2dcd2;;BA)
20. (OA;;CR;1131f6ac-9c07-11d1-f79f-00c04fc2dcd2;;BA)(A;;RPLCLORC;;;AU)
21. (A;;RPWPCRLCLOCCRCWDWOSW;;;DA)(A;CI;RPWPCRLCLOCCRCWDWOSDSW;;;BA)
22. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
23. (A;CI;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;EA)(A;CI;LC;;;RU)
24. (OA;CIIO;RP;037088f8-0ae1-11d2-b422-00a0c968f939;
25. bf967aba-0de6-11d0-a285-00aa003049e2;RU)
26. (OA;CIIO;RP;59ba2f42-79a2-11d0-9020-00c04fc2d3cf;
27. bf967aba-0de6-11d0-a285-00aa003049e2;RU)
28. (OA;CIIO;RP;bc0ac240-79a9-11d0-9020-00c04fc2d4cf;
29. bf967aba-0de6-11d0-a285-00aa003049e2;RU)
30. (OA;CIIO;RP;4c164200-20c0-11d0-a768-00aa006e0529;
31. bf967aba-0de6-11d0-a285-00aa003049e2;RU)
32. (OA;CIIO;RP;5f202010-79a5-11d0-9020-00c04fc2d4cf;
33. bf967aba-0de6-11d0-a285-00aa003049e2;RU)
34. (OA;;RP;c7407360-20bf-11d0-a768-00aa006e0529;;RU)
35. (OA;CIIO;RPLCLORC;;bf967a9c-0de6-11d0-a285-00aa003049e2;RU)
36. (A;;RPRC;;;RU)
37. (OA;CIIO;RPLCLORC;;bf967aba-0de6-11d0-a285-00aa003049e2;RU)
38. (A;;LCRPLORC;;;ED)(OA;CIIO;RP;037088f8-0ae1-11d2-b422-00a0c968f939;
39. 4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
40. (OA;CIIO;RP;59ba2f42-79a2-11d0-9020-00c04fc2d3cf;
41. 4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
42. (OA;CIIO;RP;bc0ac240-79a9-11d0-9020-00c04fc2d4cf;
43. 4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
44. (OA;CIIO;RP;4c164200-20c0-11d0-a768-00aa006e0529;
45. 4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
46. (OA;CIIO;RP;5f202010-79a5-11d0-9020-00c04fc2d4cf;
47. 4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
48. (OA;CIIO;RPLCLORC;;4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
49. (OA;;RP;b8119fd0-04f6-4762-ab7a-4986c76b3f9a;;RU)
50. (OA;;RP;b8119fd0-04f6-4762-ab7a-4986c76b3f9a;;AU)
51. (OA;CIIO;RP;b7c69e6d-2cc7-11d2-854e-00a0c983f608;
52. bf967aba-0de6-11d0-a285-00aa003049e2;ED)
53. (OA;CIIO;RP;b7c69e6d-2cc7-11d2-854e-00a0c983f608;
54. bf967a9c-0de6-11d0-a285-00aa003049e2;ED)
55. (OA;CIIO;RP;b7c69e6d-2cc7-11d2-854e-00a0c983f608;
56. bf967a86-0de6-11d0-a285-00aa003049e2;ED)
57. (OA;CIIO;WP;ea1b7b93-5e48-46d5-bc6c-4df4fda78a35;
58. bf967a86-0de6-11d0-a285-00aa003049e2;PS)
59. (OA;;CR;1131f6ad-9c07-11d1-f79f-00c04fc2dcd2;;DD)
60. (OA;;CR;89e95b76-444d-4c62-991a-0facbeda640c;;ED)
61. (OA;;CR;1131f6ad-9c07-11d1-f79f-00c04fc2dcd2;;BA)
62. (OA;;CR;89e95b76-444d-4c62-991a-0facbeda640c;;BA)
63. (OA;;CR;e2a36dc9-ae17-47c3-b58b-be34c55ba633;;S-1-5-32-557)
64. (OA;;CR;280f369c-67c7-438e-ae98-1d46f3c6f541;;AU)
65. (OA;;CR;ccc2dc7d-a6ad-4a7a-8846-c04e3cc53501;;AU)
66. (OA;;CR;05c74c5e-4deb-43b4-bd9f-86664c2a7fd5;;AU)
67. (OA;;CR;1131f6ae-9c07-11d1-f79f-00c04fc2dcd2;;ED)
68. (OA;;CR;1131f6ae-9c07-11d1-f79f-00c04fc2dcd2;;BA)
69. (OA;CIIO;CRRPWP;91e647de-d96f-4b70-9557-d63ff4f3ccd8;;PS)
70. (OA;CIOI;RPWP;3f78c3e5-f79a-46bd-a0b8-9d18116ddc79;;PS)
71. S:(AU;SA;WDWOWP;;;WD)(AU;SA;CR;;;BA)(AU;SA;CR;;;DU)
72. (OU;CISA;WP;f30e3bbe-9ff0-11d1-b603-0000f80367c1;
73. bf967aa5-0de6-11d0-a285-00aa003049e2;WD)
74. (OU;CISA;WP;f30e3bbf-9ff0-11d1-b603-0000f80367c1;
75. bf967aa5-0de6-11d0-a285-00aa003049e2;WD)
76. defaultHidingValue: FALSE
77. systemOnly: FALSE
78. defaultObjectCategory: CN=Domain-DNS,<SchemaNCDN>
79. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class domainPolicy

Defines the Local Security Authority (LSA) policy for one or more domains.

1. cn: Domain-Policy
2. ldapDisplayName: domainPolicy
3. governsId: 1.2.840.113556.1.5.18
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: leaf
7. systemMayContain: qualityOfService, pwdProperties, pwdHistoryLength,
8. publicKeyPolicy, proxyLifetime, minTicketAge, minPwdLength,
9. minPwdAge, maxTicketAge, maxRenewAge, maxPwdAge, managedBy,
10. lockoutThreshold, lockoutDuration, lockOutObservationWindow,
11. ipsecPolicyReference, forceLogoff, eFSPolicy, domainWidePolicy,
12. domainPolicyReference, domainCAs, defaultLocalPolicyObject,
13. authenticationOptions
14. systemPossSuperiors: organizationalUnit, domainDNS, container
15. schemaIdGuid: bf967a99-0de6-11d0-a285-00aa003049e2
16. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
17. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
18. defaultHidingValue: TRUE
19. systemOnly: FALSE
20. defaultObjectCategory: CN=Domain-Policy,<SchemaNCDN>
21. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class domainRelatedObject

Defines an entry that represents a list of fully qualified domain names (FQDN) (see definition (2) for fully qualified domain name in [[MS-ADTS]](%5BMS-ADTS%5D.pdf#Section_d243592709994c628c6d13ba31a52e1a), and also see [[RFC1035]](https://go.microsoft.com/fwlink/?LinkId=90264) section 3.1 and [[RFC2181]](https://go.microsoft.com/fwlink/?LinkId=127732) section 11).

1. cn: domainRelatedObject
2. ldapDisplayName: domainRelatedObject
3. governsId: 0.9.2342.19200300.100.4.17
4. objectClassCategory: 3
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: associatedDomain
8. schemaIdGuid: 8bfd2d3d-efda-4549-852c-f85e137aedc6
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=domainRelatedObject,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class dSA

The X.500 base class for dSA.

1. cn: DSA
2. ldapDisplayName: dSA
3. governsId: 2.5.6.13
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: applicationEntity
7. systemMayContain: knowledgeInformation
8. systemPossSuperiors: server, computer
9. schemaIdGuid: 3fdfee52-47f4-11d1-a9c3-0000f80367c1
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=DSA,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class dSUISettings

Stores configuration settings that are used by the Active Directory Users and Computers snap-in.

1. cn: DS-UI-Settings
2. ldapDisplayName: dSUISettings
3. governsId: 1.2.840.113556.1.5.183
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDS-Non-Security-Group-Extra-Classes,
8. msDS-Security-Group-Extra-Classes, msDS-FilterContainers,
9. dSUIShellMaximum, dSUIAdminNotification, dSUIAdminMaximum
10. systemPossSuperiors: container
11. schemaIdGuid: 09b10f14-6f93-11d2-9905-0000f87a57d4
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=DS-UI-Settings,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class dynamicObject

If present in an entry, this class indicates that this entry has a limited lifetime and can disappear automatically when its Time to Live (TTL) reaches 0. If the client has not supplied a value for the entryTtl attribute, the server provides one.

1. cn: Dynamic-Object
2. ldapDisplayName: dynamicObject
3. governsId: 1.3.6.1.4.1.1466.101.119.2
4. objectClassCategory: 3
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDS-Entry-Time-To-Die, entryTTL
8. schemaIdGuid: 66d51249-3355-4c1f-b24e-81f252aca23b
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=Dynamic-Object,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class fileLinkTracking

The container for [fileLinkTrackingEntry](#Section_aeaae7136db242feb45854810712496b) objects.

1. cn: File-Link-Tracking
2. ldapDisplayName: fileLinkTracking
3. governsId: 1.2.840.113556.1.5.52
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: container
8. schemaIdGuid: dd712229-10e4-11d0-a05f-00aa006c33ed
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=File-Link-Tracking,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class fileLinkTrackingEntry

Holds the GUID and the current machine information for a link-tracked file. GUID is defined in [[MS-DTYP]](%5BMS-DTYP%5D.pdf#Section_cca2742956894a16b2b49325d93e4ba2) section 2.3.4.

1. cn: File-Link-Tracking-Entry
2. ldapDisplayName: fileLinkTrackingEntry
3. governsId: 1.2.840.113556.1.5.59
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: fileLinkTracking
8. schemaIdGuid: 8e4eb2ed-4712-11d0-a1a0-00c04fd930c9
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=File-Link-Tracking-Entry,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class foreignSecurityPrincipal

Defines an entry that represents a security principal that is external to the forest.

1. cn: Foreign-Security-Principal
2. ldapDisplayName: foreignSecurityPrincipal
3. governsId: 1.2.840.113556.1.5.76
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: objectSid
8. systemMayContain: foreignIdentifier
9. systemPossSuperiors: container
10. schemaIdGuid: 89e31c12-8530-11d0-afda-00c04fd930c9
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;AO)(A;;RPLCLORC;;;PS)
14. (OA;;CR;ab721a53-1e2f-11d0-9819-00aa0040529b;;PS)
15. (OA;;CR;ab721a54-1e2f-11d0-9819-00aa0040529b;;PS)
16. (OA;;CR;ab721a56-1e2f-11d0-9819-00aa0040529b;;PS)
17. (OA;;RPWP;77B5B886-944A-11d1-AEBD-0000F80367C1;;PS)
18. (OA;;RPWP;E45795B2-9455-11d1-AEBD-0000F80367C1;;PS)
19. (OA;;RPWP;E45795B3-9455-11d1-AEBD-0000F80367C1;;PS)(A;;RC;;;AU)
20. (OA;;RP;59ba2f42-79a2-11d0-9020-00c04fc2d3cf;;AU)
21. (OA;;RP;77B5B886-944A-11d1-AEBD-0000F80367C1;;AU)
22. (OA;;RP;E45795B3-9455-11d1-AEBD-0000F80367C1;;AU)
23. (OA;;RP;e48d0154-bcf8-11d1-8702-00c04fb96050;;AU)
24. (OA;;CR;ab721a53-1e2f-11d0-9819-00aa0040529b;;WD)
25. defaultHidingValue: TRUE
26. systemOnly: FALSE
27. defaultObjectCategory: CN=Foreign-Security-Principal,<SchemaNCDN>
28. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class friendlyCountry

Defines country entries in the directory information tree.

1. cn: friendlyCountry
2. ldapDisplayName: friendlyCountry
3. governsId: 0.9.2342.19200300.100.4.18
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: country
7. mustContain: co
8. schemaIdGuid: c498f152-dc6b-474a-9f52-7cdba3d7d351
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=friendlyCountry,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class fTDfs

Defines a single fault-tolerant DFS configuration.

1. cn: FT-Dfs
2. ldapDisplayName: fTDfs
3. governsId: 1.2.840.113556.1.5.43
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: remoteServerName, pKTGuid, pKT
8. systemMayContain: uNCName, managedBy, keywords
9. systemPossSuperiors: dfsConfiguration
10. schemaIdGuid: 8447f9f3-1027-11d0-a05f-00aa006c33ed
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=FT-Dfs,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class group

Stores a list of user names. This class is used to apply security principals on resources.

1. cn: Group
2. ldapDisplayName: group
3. governsId: 1.2.840.113556.1.5.8
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. auxiliaryClass: posixGroup
8. systemAuxiliaryClass: mailRecipient, securityPrincipal
9. systemMustContain: groupType
10. mayContain: msSFU30Name, msSFU30NisDomain, msSFU30PosixMember
11. systemMayContain: msDS-AzApplicationData,
12. msDS-AzLastImportedBizRulePath, msDS-AzBizRuleLanguage,
13. msDS-AzBizRule, msDS-AzGenericData, msDS-AzObjectGuid,
14. primaryGroupToken, operatorCount, nTGroupMembers, nonSecurityMember,
15. msDS-NonMembers, msDS-AzLDAPQuery, member, managedBy,
16. groupMembershipSAM, groupAttributes, mail, desktopProfile,
17. controlAccessRights, adminCount, msDS-PrimaryComputer
18. systemPossSuperiors: msDS-AzScope, msDS-AzApplication,
19. msDS-AzAdminManager, container, builtinDomain, organizationalUnit,
20. domainDNS
21. schemaIdGuid: bf967a9c-0de6-11d0-a285-00aa003049e2
22. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
23. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
24. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;AO)(A;;RPLCLORC;;;PS)
25. (OA;;CR;ab721a55-1e2f-11d0-9819-00aa0040529b;;AU)
26. (OA;;RP;46a9b11d-60ae-405a-b7e8-ff8a58d456d2;;S-1-5-32-560)
27. defaultHidingValue: FALSE
28. systemOnly: FALSE
29. defaultObjectCategory: CN=Group,<SchemaNCDN>
30. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class groupOfNames

Used to define entries that represent an unordered set of names, which represent individual objects or other groups of names.

1. cn: Group-Of-Names
2. ldapDisplayName: groupOfNames
3. governsId: 2.5.6.9
4. objectClassCategory: 0
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: member, cn
8. systemMayContain: seeAlso, owner, ou, o, businessCategory
9. systemPossSuperiors: organizationalUnit, locality, organization,
10. container
11. schemaIdGuid: bf967a9d-0de6-11d0-a285-00aa003049e2
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Group-Of-Names,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class groupOfUniqueNames

Defines the entries for a group of unique names.

1. cn: groupOfUniqueNames
2. ldapDisplayName: groupOfUniqueNames
3. governsId: 2.5.6.17
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: uniqueMember, cn
8. mayContain: seeAlso, owner, ou, o, description, businessCategory
9. possSuperiors: domainDNS, organizationalUnit, container
10. schemaIdGuid: 0310a911-93a3-4e21-a7a3-55d85ab2c48b
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;AO)(A;;RPLCLORC;;;PS)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=groupOfUniqueNames,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class groupPolicyContainer

Represents the Group Policy Object (GPO). This class is used to define Group Policy settings.

1. cn: Group-Policy-Container
2. ldapDisplayName: groupPolicyContainer
3. governsId: 1.2.840.113556.1.5.157
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: container
7. systemMayContain: versionNumber, gPCWQLFilter, gPCUserExtensionNames,
8. gPCMachineExtensionNames, gPCFunctionalityVersion, gPCFileSysPath,
9. flags
10. schemaIdGuid: f30e3bc2-9ff0-11d1-b603-0000f80367c1
11. defaultSecurityDescriptor: D:P(A;CI;RPWPCCDCLCLOLORCWOWDSDDTSW;;;DA)
12. (A;CI;RPWPCCDCLCLOLORCWOWDSDDTSW;;;EA)
13. (A;CI;RPWPCCDCLCLOLORCWOWDSDDTSW;;;CO)
14. (A;CI;RPWPCCDCLCLORCWOWDSDDTSW;;;SY)(A;CI;RPLCLORC;;;AU)
15. (OA;CI;CR;edacfd8f-ffb3-11d1-b41d-00a0c968f939;;AU)
16. (A;CI;LCRPLORC;;;ED)
17. defaultHidingValue: TRUE
18. systemOnly: FALSE
19. defaultObjectCategory: CN=Group-Policy-Container,<SchemaNCDN>
20. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class ieee802Device

A device that has a media access control (MAC) address.

1. cn: IEEE802Device
2. ldapDisplayName: ieee802Device
3. governsId: 1.3.6.1.1.1.2.11
4. objectClassCategory: 3
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: cn, macAddress
8. schemaIdGuid: a699e529-a637-4b7d-a0fb-5dc466a0b8a7
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=IEEE802Device,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class indexServerCatalog

Holds the information for an Index Server catalog.

1. cn: Index-Server-Catalog
2. ldapDisplayName: indexServerCatalog
3. governsId: 1.2.840.113556.1.5.130
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: connectionPoint
7. systemMustContain: creator
8. systemMayContain: uNCName, queryPoint, indexedScopes, friendlyNames
9. systemPossSuperiors: organizationalUnit, container
10. schemaIdGuid: 7bfdcb8a-4807-11d1-a9c3-0000f80367c1
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=Index-Server-Catalog,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class inetOrgPerson

Represents people who are associated with an organization.

1. cn: inetOrgPerson
2. ldapDisplayName: inetOrgPerson
3. governsId: 2.16.840.1.113730.3.2.2
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: user
7. mayContain: x500uniqueIdentifier, userSMIMECertificate, userPKCS12,
8. userCertificate, uid, secretary, roomNumber, preferredLanguage,
9. photo, pager, o, mobile, manager, mail, labeledURI, jpegPhoto,
10. initials, homePostalAddress, homePhone, givenName, employeeType,
11. employeeNumber, displayName, departmentNumber, carLicense,
12. businessCategory, audio
13. possSuperiors: domainDNS, organizationalUnit, container
14. schemaIdGuid: 4828cc14-1437-45bc-9b07-ad6f015e5f28
15. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
16. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
17. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;AO)(A;;RPLCLORC;;;PS)
18. (OA;;CR;ab721a53-1e2f-11d0-9819-00aa0040529b;;PS)
19. (OA;;CR;ab721a54-1e2f-11d0-9819-00aa0040529b;;PS)
20. (OA;;CR;ab721a56-1e2f-11d0-9819-00aa0040529b;;PS)
21. (OA;;RPWP;77B5B886-944A-11d1-AEBD-0000F80367C1;;PS)
22. (OA;;RPWP;E45795B2-9455-11d1-AEBD-0000F80367C1;;PS)
23. (OA;;RPWP;E45795B3-9455-11d1-AEBD-0000F80367C1;;PS)
24. (OA;;RP;037088f8-0ae1-11d2-b422-00a0c968f939;;RS)
25. (OA;;RP;4c164200-20c0-11d0-a768-00aa006e0529;;RS)
26. (OA;;RP;bc0ac240-79a9-11d0-9020-00c04fc2d4cf;;RS)(A;;RC;;;AU)
27. (OA;;RP;59ba2f42-79a2-11d0-9020-00c04fc2d3cf;;AU)
28. (OA;;RP;77B5B886-944A-11d1-AEBD-0000F80367C1;;AU)
29. (OA;;RP;E45795B3-9455-11d1-AEBD-0000F80367C1;;AU)
30. (OA;;RP;e48d0154-bcf8-11d1-8702-00c04fb96050;;AU)
31. (OA;;CR;ab721a53-1e2f-11d0-9819-00aa0040529b;;WD)
32. (OA;;RP;5f202010-79a5-11d0-9020-00c04fc2d4cf;;RS)
33. (OA;;RPWP;bf967a7f-0de6-11d0-a285-00aa003049e2;;CA)
34. (OA;;RP;46a9b11d-60ae-405a-b7e8-ff8a58d456d2;;S-1-5-32-560)
35. (OA;;WPRP;6db69a1c-9422-11d1-aebd-0000f80367c1;;S-1-5-32-561)
36. (OA;;WPRP;5805bc62-bdc9-4428-a5e2-856a0f4c185e;;S-1-5-32-561)
37. defaultHidingValue: FALSE
38. systemOnly: FALSE
39. defaultObjectCategory: CN=Person,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class infrastructureUpdate

Represents the infrastructure master for a domain.

1. cn: Infrastructure-Update
2. ldapDisplayName: infrastructureUpdate
3. governsId: 1.2.840.113556.1.5.175
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: dNReferenceUpdate
8. systemPossSuperiors: infrastructureUpdate, domain
9. schemaIdGuid: 2df90d89-009f-11d2-aa4c-00c04fd7d83a
10. defaultSecurityDescriptor: D:(A;;GA;;;SY)
11. defaultHidingValue: TRUE
12. systemOnly: TRUE
13. defaultObjectCategory: CN=Infrastructure-Update,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class intellimirrorGroup

Remote boot legacy for managing groups of server machines.

1. cn: Intellimirror-Group
2. ldapDisplayName: intellimirrorGroup
3. governsId: 1.2.840.113556.1.5.152
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: domainDNS, organizationalUnit, container
8. schemaIdGuid: 07383086-91df-11d1-aebc-0000f80367c1
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)(A;;CCDC;;;CO)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=Intellimirror-Group,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class intellimirrorSCP

Contains configuration information for the service that responds to Remote Boot clients that are requesting attention from a Remote Install Server.

1. cn: Intellimirror-SCP
2. ldapDisplayName: intellimirrorSCP
3. governsId: 1.2.840.113556.1.5.151
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: serviceAdministrationPoint
7. systemMayContain: netbootTools, netbootServer, netbootNewMachineOU,
8. netbootNewMachineNamingPolicy, netbootMaxClients,
9. netbootMachineFilePath, netbootLocallyInstalledOSes,
10. netbootLimitClients, netbootIntelliMirrorOSes,
11. netbootCurrentClientCount, netbootAnswerRequests,
12. netbootAnswerOnlyValidClients, netbootAllowNewClients
13. systemPossSuperiors: computer, intellimirrorGroup
14. schemaIdGuid: 07383085-91df-11d1-aebc-0000f80367c1
15. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
16. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
17. defaultHidingValue: TRUE
18. systemOnly: FALSE
19. defaultObjectCategory: CN=Intellimirror-SCP,<SchemaNCDN>
20. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class interSiteTransport

Contains information about the transport used for intersite replication. Objects of this class can contain information about IP or Simple Mail Transfer Protocol (SMTP) transport.

1. cn: Inter-Site-Transport
2. ldapDisplayName: interSiteTransport
3. governsId: 1.2.840.113556.1.5.141
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: transportDLLName, transportAddressAttribute
8. systemMayContain: replInterval, options
9. systemPossSuperiors: interSiteTransportContainer
10. schemaIdGuid: 26d97376-6070-11d1-a9c6-0000f80367c1
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=Inter-Site-Transport,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class interSiteTransportContainer

Holds [interSiteTransport](#Section_299e17d34d05445fae8c9d5abf598873) objects.

1. cn: Inter-Site-Transport-Container
2. ldapDisplayName: interSiteTransportContainer
3. governsId: 1.2.840.113556.1.5.140
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: sitesContainer
8. schemaIdGuid: 26d97375-6070-11d1-a9c6-0000f80367c1
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=Inter-Site-Transport-Container,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class ipHost

An abstraction of a host; an IP device.

1. cn: IpHost
2. ldapDisplayName: ipHost
3. governsId: 1.3.6.1.1.1.2.6
4. objectClassCategory: 3
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: manager, cn, description, ipHostNumber, uid, l
8. schemaIdGuid: ab911646-8827-4f95-8780-5a8f008eb68f
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=IpHost,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class ipNetwork

An abstraction of a network. The distinguished value of the cn attribute denotes the canonical name of the network.

1. cn: IpNetwork
2. ldapDisplayName: ipNetwork
3. governsId: 1.3.6.1.1.1.2.7
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: cn, ipNetworkNumber
8. mayContain: manager, description, ipNetmaskNumber, uid, l,
9. msSFU30Name, msSFU30NisDomain, nisMapName, msSFU30Aliases
10. possSuperiors: domainDNS, nisMap, container, organizationalUnit
11. schemaIdGuid: d95836c3-143e-43fb-992a-b057f1ecadf9
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=IpNetwork,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class ipProtocol

An abstraction of an IP protocol.

1. cn: IpProtocol
2. ldapDisplayName: ipProtocol
3. governsId: 1.3.6.1.1.1.2.4
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: cn, ipProtocolNumber
8. mayContain: description, msSFU30Name, msSFU30NisDomain, nisMapName,
9. msSFU30Aliases
10. possSuperiors: domainDNS, nisMap, container, organizationalUnit
11. schemaIdGuid: 9c2dcbd2-fbf0-4dc7-ace0-8356dcd0f013
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=IpProtocol,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class ipsecBase

An Internet Protocol security (IPsec) base class from which all IPsec classes are derived.

1. cn: Ipsec-Base
2. ldapDisplayName: ipsecBase
3. governsId: 1.2.840.113556.1.5.7000.56
4. objectClassCategory: 2
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: ipsecOwnersReference, ipsecName, ipsecID,
8. ipsecDataType, ipsecData
9. schemaIdGuid: b40ff825-427a-11d1-a9c2-0000f80367c1
10. defaultSecurityDescriptor: D:
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=Ipsec-Base,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class ipsecFilter

A filter expression for applying security.

1. cn: Ipsec-Filter
2. ldapDisplayName: ipsecFilter
3. governsId: 1.2.840.113556.1.5.118
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: ipsecBase
7. systemPossSuperiors: organizationalUnit, computer, container
8. schemaIdGuid: b40ff826-427a-11d1-a9c2-0000f80367c1
9. defaultSecurityDescriptor: D:
10. defaultHidingValue: TRUE
11. systemOnly: FALSE
12. defaultObjectCategory: CN=Ipsec-Filter,<SchemaNCDN>
13. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class ipsecISAKMPPolicy

This class is for internal use only.

1. cn: Ipsec-ISAKMP-Policy
2. ldapDisplayName: ipsecISAKMPPolicy
3. governsId: 1.2.840.113556.1.5.120
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: ipsecBase
7. systemPossSuperiors: container, computer, organizationalUnit
8. schemaIdGuid: b40ff828-427a-11d1-a9c2-0000f80367c1
9. defaultSecurityDescriptor: D:
10. defaultHidingValue: TRUE
11. systemOnly: FALSE
12. defaultObjectCategory: CN=Ipsec-ISAKMP-Policy,<SchemaNCDN>
13. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class ipsecNegotiationPolicy

This class is for internal use only.

1. cn: Ipsec-Negotiation-Policy
2. ldapDisplayName: ipsecNegotiationPolicy
3. governsId: 1.2.840.113556.1.5.119
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: ipsecBase
7. systemMayContain: iPSECNegotiationPolicyType,
8. iPSECNegotiationPolicyAction
9. systemPossSuperiors: organizationalUnit, computer, container
10. schemaIdGuid: b40ff827-427a-11d1-a9c2-0000f80367c1
11. defaultSecurityDescriptor: D:
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Ipsec-Negotiation-Policy,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class ipsecNFA

This class is for internal use only.

1. cn: Ipsec-NFA
2. ldapDisplayName: ipsecNFA
3. governsId: 1.2.840.113556.1.5.121
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: ipsecBase
7. systemMayContain: ipsecNegotiationPolicyReference,
8. ipsecFilterReference
9. systemPossSuperiors: container, computer, organizationalUnit
10. schemaIdGuid: b40ff829-427a-11d1-a9c2-0000f80367c1
11. defaultSecurityDescriptor: D:
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Ipsec-NFA,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class ipsecPolicy

This class is for internal use only.

1. cn: Ipsec-Policy
2. ldapDisplayName: ipsecPolicy
3. governsId: 1.2.840.113556.1.5.98
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: ipsecBase
7. systemMayContain: ipsecNFAReference, ipsecISAKMPReference
8. systemPossSuperiors: organizationalUnit, computer, container
9. schemaIdGuid: b7b13121-b82e-11d0-afee-0000f80367c1
10. defaultSecurityDescriptor: D:
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=Ipsec-Policy,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class ipService

An abstraction of an IP service.

1. cn: IpService
2. ldapDisplayName: ipService
3. governsId: 1.3.6.1.1.1.2.3
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: ipServiceProtocol, ipServicePort, cn
8. mayContain: description, msSFU30Name, msSFU30NisDomain,
9. msSFU30Aliases, nisMapName
10. possSuperiors: domainDNS, nisMap, container, organizationalUnit
11. schemaIdGuid: 2517fadf-fa97-48ad-9de6-79ac5721f864
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=IpService,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class leaf

A base class for leaf objects.

1. cn: Leaf
2. ldapDisplayName: leaf
3. governsId: 1.2.840.113556.1.5.20
4. objectClassCategory: 2
5. rdnAttId: cn
6. subClassOf: top
7. schemaIdGuid: bf967a9e-0de6-11d0-a285-00aa003049e2
8. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
9. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
10. defaultHidingValue: TRUE
11. systemOnly: FALSE
12. defaultObjectCategory: CN=Leaf,<SchemaNCDN>
13. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class licensingSiteSettings

Points to the licensing server for a site.

1. cn: Licensing-Site-Settings
2. ldapDisplayName: licensingSiteSettings
3. governsId: 1.2.840.113556.1.5.78
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: applicationSiteSettings
7. systemMayContain: siteServer
8. systemPossSuperiors: site
9. schemaIdGuid: 1be8f17d-a9ff-11d0-afe2-00c04fd930c9
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Licensing-Site-Settings,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class linkTrackObjectMoveTable

A container for [linkTrackOMTEntry](#Section_ebc5931047b64a2b9728e1be2219a2e1) objects.

1. cn: Link-Track-Object-Move-Table
2. ldapDisplayName: linkTrackObjectMoveTable
3. governsId: 1.2.840.113556.1.5.91
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: fileLinkTracking
7. systemPossSuperiors: fileLinkTracking
8. schemaIdGuid: ddac0cf5-af8f-11d0-afeb-00c04fd930c9
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=Link-Track-Object-Move-Table,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class linkTrackOMTEntry

Tracks the link for objects that have moved.

1. cn: Link-Track-OMT-Entry
2. ldapDisplayName: linkTrackOMTEntry
3. governsId: 1.2.840.113556.1.5.93
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: leaf
7. systemMayContain: timeRefresh, oMTIndxGuid, oMTGuid, currentLocation,
8. birthLocation
9. systemPossSuperiors: linkTrackObjectMoveTable
10. schemaIdGuid: ddac0cf7-af8f-11d0-afeb-00c04fd930c9
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=Link-Track-OMT-Entry,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class linkTrackVolEntry

The entry for a link to a file on a volume.

1. cn: Link-Track-Vol-Entry
2. ldapDisplayName: linkTrackVolEntry
3. governsId: 1.2.840.113556.1.5.92
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: leaf
7. systemMayContain: volTableIdxGUID, volTableGUID, timeVolChange,
8. timeRefresh, seqNotification, objectCount, linkTrackSecret,
9. currMachineId
10. systemPossSuperiors: linkTrackVolumeTable
11. schemaIdGuid: ddac0cf6-af8f-11d0-afeb-00c04fd930c9
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Link-Track-Vol-Entry,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class linkTrackVolumeTable

A container for [linkTrackVolEntry](#Section_64461075558648219262dbd3927622e3) objects.

1. cn: Link-Track-Volume-Table
2. ldapDisplayName: linkTrackVolumeTable
3. governsId: 1.2.840.113556.1.5.90
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: fileLinkTracking
7. systemPossSuperiors: fileLinkTracking
8. schemaIdGuid: ddac0cf4-af8f-11d0-afeb-00c04fd930c9
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=Link-Track-Volume-Table,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class locality

Contains a locality, such as a street address, city, and state.

1. cn: Locality
2. ldapDisplayName: locality
3. governsId: 2.5.6.3
4. objectClassCategory: 1
5. rdnAttId: l
6. subClassOf: top
7. systemMustContain: l
8. systemMayContain: street, st, seeAlso, searchGuide
9. systemPossSuperiors: domainDNS, country, organizationalUnit,
10. organization, locality
11. schemaIdGuid: bf967aa0-0de6-11d0-a285-00aa003049e2
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: FALSE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Locality,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class lostAndFound

A special container for orphaned objects.

1. cn: Lost-And-Found
2. ldapDisplayName: lostAndFound
3. governsId: 1.2.840.113556.1.5.139
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: moveTreeState
8. systemPossSuperiors: configuration, domainDNS, dMD
9. schemaIdGuid: 52ab8671-5709-11d1-a9c6-0000f80367c1
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Lost-And-Found,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class mailRecipient

Stores email configuration information.

1. cn: Mail-Recipient
2. ldapDisplayName: mailRecipient
3. governsId: 1.2.840.113556.1.3.46
4. objectClassCategory: 3
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: cn
8. mayContain: msDS-PhoneticDisplayName, userSMIMECertificate,
9. secretary, msExchLabeledURI, msExchAssistantName, labeledURI,
10. msDS-GeoCoordinatesAltitude, msDS-GeoCoordinatesLatitude,
11. msDS-GeoCoordinatesLongitude, msDS-ExternalDirectoryObjectId
12. systemMayContain: userCertificate, userCert, textEncodedORAddress,
13. telephoneNumber, showInAddressBook, legacyExchangeDN,
14. garbageCollPeriod, info
15. systemPossSuperiors: container
16. schemaIdGuid: bf967aa1-0de6-11d0-a285-00aa003049e2
17. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
18. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
19. defaultHidingValue: TRUE
20. systemOnly: FALSE
21. defaultObjectCategory: CN=Mail-Recipient,<SchemaNCDN>
22. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class meeting

Stores information for setting up a meeting.

1. cn: Meeting
2. ldapDisplayName: meeting
3. governsId: 1.2.840.113556.1.5.104
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: meetingName
8. systemMayContain: meetingURL, meetingType, meetingStartTime,
9. meetingScope, meetingRecurrence, meetingRating, meetingProtocol,
10. meetingOwner, meetingOriginator, meetingMaxParticipants,
11. meetingLocation, meetingLanguage, meetingKeyword,
12. meetingIsEncrypted, meetingIP, meetingID, meetingEndTime,
13. meetingDescription, meetingContactInfo, meetingBlob,
14. meetingBandwidth, meetingApplication, meetingAdvertiseScope
15. systemPossSuperiors: container
16. schemaIdGuid: 11b6cc94-48c4-11d1-a9c3-0000f80367c1
17. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
18. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
19. defaultHidingValue: TRUE
20. systemOnly: FALSE
21. defaultObjectCategory: CN=Meeting,<SchemaNCDN>
22. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class ms-net-ieee-80211-GroupPolicy

This class represents an 802.11 wireless network Group Policy Object and contains identifiers and configuration data relevant to an 802.11 wireless network.

1. cn: ms-net-ieee-80211-GroupPolicy
2. lDAPDisplayName: ms-net-ieee-80211-GroupPolicy
3. governsID: 1.2.840.113556.1.5.251
4. objectClassCategory: 1
5. rDNAttID: cn
6. subClassOf: top
7. systemMayContain: ms-net-ieee-80211-GP-PolicyReserved,
8. ms-net-ieee-80211-GP-PolicyData, ms-net-ieee-80211-GP-PolicyGUID
9. systemPossSuperiors: computer, container, person
10. schemaIDGUID: 1cb81863-b822-4379-9ea2-5ff7bdc6386d
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-net-ieee-80211-GroupPolicy,
16. <SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class ms-net-ieee-8023-GroupPolicy

This class represents an 802.3 wired network GPO and contains identifiers and configuration data that are relevant to an 802.3 wired network.

1. cn: ms-net-ieee-8023-GroupPolicy
2. lDAPDisplayName: ms-net-ieee-8023-GroupPolicy
3. governsID: 1.2.840.113556.1.5.252
4. objectClassCategory: 1
5. rDNAttID: cn
6. subClassOf: top
7. systemMayContain: ms-net-ieee-8023-GP-PolicyReserved,
8. ms-net-ieee-8023-GP-PolicyData, ms-net-ieee-8023-GP-PolicyGUID
9. systemPossSuperiors: computer, container, person
10. schemaIDGUID: 99a03a6a-ab19-4446-9350-0cb878ed2d9b
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-net-ieee-8023-GroupPolicy,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class mS-SQL-OLAPCube

Stores Microsoft SQL Server online analytical processing (OLAP) cube properties.

1. cn: MS-SQL-OLAPCube
2. ldapDisplayName: mS-SQL-OLAPCube
3. governsId: 1.2.840.113556.1.5.190
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: mS-SQL-Keywords, mS-SQL-PublicationURL,
8. mS-SQL-InformationURL, mS-SQL-Status, mS-SQL-LastUpdatedDate,
9. mS-SQL-Size, mS-SQL-Description, mS-SQL-Contact, mS-SQL-Name
10. systemPossSuperiors: mS-SQL-OLAPDatabase
11. schemaIdGuid: 09f0506a-cd28-11d2-9993-0000f87a57d4
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=MS-SQL-OLAPCube,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class mS-SQL-OLAPDatabase

A container that stores [mS-SQL-OLAPCube](#Section_9a006cb279044fdbbb793001cea599a2) objects.

1. cn: MS-SQL-OLAPDatabase
2. ldapDisplayName: mS-SQL-OLAPDatabase
3. governsId: 1.2.840.113556.1.5.189
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: mS-SQL-Keywords, mS-SQL-PublicationURL,
8. mS-SQL-ConnectionURL, mS-SQL-InformationURL, mS-SQL-Status,
9. mS-SQL-Applications, mS-SQL-LastBackupDate, mS-SQL-LastUpdatedDate,
10. mS-SQL-Size, mS-SQL-Type, mS-SQL-Description, mS-SQL-Contact,
11. mS-SQL-Name
12. systemPossSuperiors: mS-SQL-OLAPServer
13. schemaIdGuid: 20af031a-ccef-11d2-9993-0000f87a57d4
14. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
16. defaultHidingValue: TRUE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=MS-SQL-OLAPDatabase,<SchemaNCDN>
19. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class mS-SQL-OLAPServer

A container that stores [mS-SQL-OLAPDatabase](#Section_9df301bf47124d738185cc96abc8b149) objects.

1. cn: MS-SQL-OLAPServer
2. ldapDisplayName: mS-SQL-OLAPServer
3. governsId: 1.2.840.113556.1.5.185
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: serviceConnectionPoint
7. systemMayContain: mS-SQL-Keywords, mS-SQL-PublicationURL,
8. mS-SQL-InformationURL, mS-SQL-Status, mS-SQL-Language,
9. mS-SQL-ServiceAccount, mS-SQL-Contact, mS-SQL-RegisteredOwner,
10. mS-SQL-Build, mS-SQL-Version, mS-SQL-Name
11. systemPossSuperiors: serviceConnectionPoint
12. schemaIdGuid: 0c7e18ea-ccef-11d2-9993-0000f87a57d4
13. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=MS-SQL-OLAPServer,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class mS-SQL-SQLDatabase

Stores SQL Server database properties.

1. cn: MS-SQL-SQLDatabase
2. ldapDisplayName: mS-SQL-SQLDatabase
3. governsId: 1.2.840.113556.1.5.188
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: mS-SQL-Keywords, mS-SQL-InformationURL,
8. mS-SQL-Status, mS-SQL-Applications, mS-SQL-LastDiagnosticDate,
9. mS-SQL-LastBackupDate, mS-SQL-CreationDate, mS-SQL-Size,
10. mS-SQL-Contact, mS-SQL-Alias, mS-SQL-Description, mS-SQL-Name
11. systemPossSuperiors: mS-SQL-SQLServer
12. schemaIdGuid: 1d08694a-ccef-11d2-9993-0000f87a57d4
13. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=MS-SQL-SQLDatabase,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class mS-SQL-SQLPublication

Stores SQL Server publication properties. This class permits the user to browse the publications that are available for subscription.

1. cn: MS-SQL-SQLPublication
2. ldapDisplayName: mS-SQL-SQLPublication
3. governsId: 1.2.840.113556.1.5.187
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: mS-SQL-ThirdParty,
8. mS-SQL-AllowSnapshotFilesFTPDownloading,
9. mS-SQL-AllowQueuedUpdatingSubscription,
10. mS-SQL-AllowImmediateUpdatingSubscription,
11. mS-SQL-AllowKnownPullSubscription, mS-SQL-Publisher,
12. mS-SQL-AllowAnonymousSubscription, mS-SQL-Database, mS-SQL-Type,
13. mS-SQL-Status, mS-SQL-Description, mS-SQL-Name
14. systemPossSuperiors: mS-SQL-SQLServer
15. schemaIdGuid: 17c2f64e-ccef-11d2-9993-0000f87a57d4
16. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
17. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
18. defaultHidingValue: TRUE
19. systemOnly: FALSE
20. defaultObjectCategory: CN=MS-SQL-SQLPublication,<SchemaNCDN>
21. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class mS-SQL-SQLRepository

Stores SQL Server repository properties.

1. cn: MS-SQL-SQLRepository
2. ldapDisplayName: mS-SQL-SQLRepository
3. governsId: 1.2.840.113556.1.5.186
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: mS-SQL-InformationDirectory, mS-SQL-Version,
8. mS-SQL-Description, mS-SQL-Status, mS-SQL-Build, mS-SQL-Contact,
9. mS-SQL-Name
10. systemPossSuperiors: mS-SQL-SQLServer
11. schemaIdGuid: 11d43c5c-ccef-11d2-9993-0000f87a57d4
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=MS-SQL-SQLRepository,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class mS-SQL-SQLServer

A container that stores [mS-SQL-SQLDatabase](#Section_bc2fd401318e495dbc7a505c068acb7b), [mS-SQL-SQLPublication](#Section_4a0a1ff6a20f47dabf9c8a94bfec08c3), and [mS-SQL-SQLRepository](#Section_25912bccff124b9d8ac77509775959af) objects.

1. cn: MS-SQL-SQLServer
2. ldapDisplayName: mS-SQL-SQLServer
3. governsId: 1.2.840.113556.1.5.184
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: serviceConnectionPoint
7. systemMayContain: mS-SQL-Keywords, mS-SQL-GPSHeight,
8. mS-SQL-GPSLongitude, mS-SQL-GPSLatitude, mS-SQL-InformationURL,
9. mS-SQL-LastUpdatedDate, mS-SQL-Status, mS-SQL-Vines,
10. mS-SQL-AppleTalk, mS-SQL-TCPIP, mS-SQL-SPX, mS-SQL-MultiProtocol,
11. mS-SQL-NamedPipe, mS-SQL-Clustered, mS-SQL-UnicodeSortOrder,
12. mS-SQL-SortOrder, mS-SQL-CharacterSet, mS-SQL-ServiceAccount,
13. mS-SQL-Build, mS-SQL-Memory, mS-SQL-Location, mS-SQL-Contact,
14. mS-SQL-RegisteredOwner, mS-SQL-Name
15. systemPossSuperiors: serviceConnectionPoint
16. schemaIdGuid: 05f6c878-ccef-11d2-9993-0000f87a57d4
17. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
18. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
19. defaultHidingValue: TRUE
20. systemOnly: FALSE
21. defaultObjectCategory: CN=MS-SQL-SQLServer,<SchemaNCDN>
22. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msAuthz-CentralAccessPolicies

A container of this class can contain Central Access Policy objects.

1. cn: ms-Authz-Central-Access-Policies
2. ldapDisplayName: msAuthz-CentralAccessPolicies
3. governsId: 1.2.840.113556.1.4.2161
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: container
8. schemaIdGuid: 555c21c3-a136-455a-9397-796bbd358e25
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=ms-Authz-Central-Access-Policies,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msAuthz-CentralAccessPolicy

A class that defines Central Access Policy objects.

1. cn: ms-Authz-Central-Access-Policy
2. ldapDisplayName: msAuthz-CentralAccessPolicy
3. governsId: 1.2.840.113556.1.4.2164
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msAuthz-MemberRulesInCentralAccessPolicy,
8. msAuthz-CentralAccessPolicyID
9. systemPossSuperiors: msAuthz-CentralAccessPolicies
10. schemaIdGuid: a5679cb0-6f9d-432c-8b75-1e3e834f02aa
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: FALSE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-Authz-Central-Access-Policy,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msAuthz-CentralAccessRule

A class that defines central access rules used to construct a central access policy.

1. cn: ms-Authz-Central-Access-Rule
2. ldapDisplayName: msAuthz-CentralAccessRule
3. governsId: 1.2.840.113556.1.4.2163
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msAuthz-ResourceCondition,
8. msAuthz-MemberRulesInCentralAccessPolicyBL, msAuthz-LastEffectiveSecurityPolicy,
9. msAuthz-ProposedSecurityPolicy, msAuthz-EffectiveSecurityPolicy, Enabled
10. systemPossSuperiors: msAuthz-CentralAccessRules
11. schemaIdGuid: 5b4a06dc-251c-4edb-8813-0bdd71327226
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: FALSE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=ms-Authz-Central-Access-Rule,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msAuthz-CentralAccessRules

A container of this class can contain Central Access Policy Entry objects.

1. cn: ms-Authz-Central-Access-Rules
2. ldapDisplayName: msAuthz-CentralAccessRules
3. governsId: 1.2.840.113556.1.4.2162
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: container
8. schemaIdGuid: 99bb1b7a-606d-4f8b-800e-e15be554ca8d
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=ms-Authz-Central-Access-Rules,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msCOM-Partition

A namespace that is used by COM+ to allow multiple versions of the same COM+ application to exist on the same physical machine.

1. cn: ms-COM-Partition
2. ldapDisplayName: msCOM-Partition
3. governsId: 1.2.840.113556.1.5.193
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msCOM-ObjectId
8. systemPossSuperiors: domainDNS, organizationalUnit, container
9. schemaIdGuid: c9010e74-4e58-49f7-8a89-5e3e2340fcf8
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=ms-COM-Partition,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msCOM-PartitionSet

A conceptual collection of COM+ partitions.

1. cn: ms-COM-PartitionSet
2. ldapDisplayName: msCOM-PartitionSet
3. governsId: 1.2.840.113556.1.5.194
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msCOM-PartitionLink, msCOM-DefaultPartitionLink,
8. msCOM-ObjectId
9. systemPossSuperiors: domainDNS, organizationalUnit, container
10. schemaIdGuid: 250464ab-c417-497a-975a-9e0d459a7ca1
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-COM-PartitionSet,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDFS-DeletedLinkv2

A DFS link in the DFS namespace.

1. cn: ms-DFS-Deleted-Link-v2
2. ldapDisplayName: msDFS-DeletedLinkv2
3. governsId: 1.2.840.113556.1.5.260
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msDFS-NamespaceIdentityGUIDv2,
8. msDFS-LinkIdentityGUIDv2, msDFS-LastModifiedv2, msDFS-LinkPathv2
9. systemMayContain: msDFS-Commentv2, msDFS-ShortNameLinkPathv2
10. systemPossSuperiors: msDFS-Namespacev2
11. schemaIdGuid: 25173408-04ca-40e8-865e-3f9ce9bf1bd3
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
14. (A;;RPLCLORC;;;AU)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=ms-DFS-Deleted-Link-v2,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDFS-Linkv2

A DFS link in the DFS namespace.

1. cn: ms-DFS-Link-v2
2. ldapDisplayName: msDFS-Linkv2
3. governsId: 1.2.840.113556.1.5.259
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msDFS-GenerationGUIDv2,
8. msDFS-NamespaceIdentityGUIDv2, msDFS-LinkIdentityGUIDv2,
9. msDFS-LastModifiedv2, msDFS-Ttlv2, msDFS-TargetListv2,
10. msDFS-Propertiesv2, msDFS-LinkPathv2
11. systemMayContain: msDFS-Commentv2, msDFS-LinkSecurityDescriptorv2,
12. msDFS-ShortNameLinkPathv2
13. systemPossSuperiors: msDFS-Namespacev2
14. schemaIdGuid: 7769fb7a-1159-4e96-9ccd-68bc487073eb
15. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
16. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
17. defaultHidingValue: TRUE
18. systemOnly: FALSE
19. defaultObjectCategory: CN=ms-DFS-Link-v2,<SchemaNCDN>
20. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDFS-NamespaceAnchor

A DFS namespace anchor.

1. cn: ms-DFS-Namespace-Anchor
2. ldapDisplayName: msDFS-NamespaceAnchor
3. governsId: 1.2.840.113556.1.5.257
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msDFS-SchemaMajorVersion
8. systemPossSuperiors: dfsConfiguration
9. schemaIdGuid: da73a085-6e64-4d61-b064-015d04164795
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-DFS-Namespace-Anchor,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDFS-Namespacev2

A DFS namespace.

1. cn: ms-DFS-Namespace-v2
2. ldapDisplayName: msDFS-Namespacev2
3. governsId: 1.2.840.113556.1.5.258
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msDFS-SchemaMajorVersion,
8. msDFS-SchemaMinorVersion, msDFS-GenerationGUIDv2,
9. msDFS-NamespaceIdentityGUIDv2, msDFS-LastModifiedv2, msDFS-Ttlv2,
10. msDFS-TargetListv2, msDFS-Propertiesv2
11. systemMayContain: msDFS-Commentv2
12. systemPossSuperiors: msDFS-NamespaceAnchor
13. schemaIdGuid: 21cb8628-f3c3-4bbf-bff6-060b2d8f299a
14. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
16. defaultHidingValue: TRUE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=ms-DFS-Namespace-v2,<SchemaNCDN>
19. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDFSR-Connection

A directional connection between two members.

1. cn: ms-DFSR-Connection
2. ldapDisplayName: msDFSR-Connection
3. governsId: 1.2.840.113556.1.6.13.4.10
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: fromServer
8. mayContain: msDFSR-Options2, msDFSR-DisablePacketPrivacy,
9. msDFSR-Priority, msDFSR-Enabled, msDFSR-RdcEnabled,
10. msDFSR-RdcMinFileSizeInKb, msDFSR-Keywords, msDFSR-Schedule,
11. msDFSR-Flags, msDFSR-Options, msDFSR-Extension
12. possSuperiors: msDFSR-Member
13. schemaIdGuid: e58f972e-64b5-46ef-8d8b-bbc3e1897eab
14. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
15. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
16. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
17. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
18. defaultHidingValue: TRUE
19. systemOnly: FALSE
20. defaultObjectCategory: CN=ms-DFSR-Connection,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDFSR-Content

A container for [msDFSR-ContentSet](#Section_1137785be2204f64b8d88536dafd589d) objects.

1. cn: ms-DFSR-Content
2. ldapDisplayName: msDFSR-Content
3. governsId: 1.2.840.113556.1.6.13.4.6
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: msDFSR-Options2, msDFSR-Flags, msDFSR-Options,
8. msDFSR-Extension
9. possSuperiors: msDFSR-ReplicationGroup
10. schemaIdGuid: 64759b35-d3a1-42e4-b5f1-a3de162109b3
11. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
12. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
13. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
14. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=ms-DFSR-Content,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDFSR-ContentSet

A Distributed File System Replication (DFSR) content set.

1. cn: ms-DFSR-ContentSet
2. ldapDisplayName: msDFSR-ContentSet
3. governsId: 1.2.840.113556.1.6.13.4.7
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: msDFSR-Options2, msDFSR-OnDemandExclusionDirectoryFilter,
8. msDFSR-OnDemandExclusionFileFilter,
9. msDFSR-DefaultCompressionExclusionFilter, msDFSR-DeletedSizeInMb,
10. msDFSR-Priority, msDFSR-ConflictSizeInMb, msDFSR-StagingSizeInMb,
11. msDFSR-RootSizeInMb, description, msDFSR-DfsPath, msDFSR-FileFilter,
12. msDFSR-DirectoryFilter, msDFSR-Flags, msDFSR-Options,
13. msDFSR-Extension
14. possSuperiors: msDFSR-Content
15. schemaIdGuid: 4937f40d-a6dc-4d48-97ca-06e5fbfd3f16
16. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
17. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
18. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
19. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
20. defaultHidingValue: TRUE
21. systemOnly: FALSE
22. defaultObjectCategory: CN=ms-DFSR-ContentSet,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDFSR-GlobalSettings

The global settings that are applicable to all replication group members.

1. cn: ms-DFSR-GlobalSettings
2. ldapDisplayName: msDFSR-GlobalSettings
3. governsId: 1.2.840.113556.1.6.13.4.4
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: msDFSR-Options2, msDFSR-Flags, msDFSR-Options,
8. msDFSR-Extension
9. possSuperiors: container
10. schemaIdGuid: 7b35dbad-b3ec-486a-aad4-2fec9d6ea6f6
11. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
12. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
13. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
14. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=ms-DFSR-GlobalSettings,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDFSR-LocalSettings

The DFSR settings that are applicable to a local computer.

1. cn: ms-DFSR-LocalSettings
2. ldapDisplayName: msDFSR-LocalSettings
3. governsId: 1.2.840.113556.1.6.13.4.1
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: msDFSR-StagingCleanupTriggerInPercent,
8. msDFSR-CommonStagingSizeInMb, msDFSR-CommonStagingPath,
9. msDFSR-Options2, msDFSR-Version, msDFSR-Flags, msDFSR-Options,
10. msDFSR-Extension
11. possSuperiors: computer
12. schemaIdGuid: fa85c591-197f-477e-83bd-ea5a43df2239
13. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
14. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
15. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
16. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
17. defaultHidingValue: TRUE
18. systemOnly: FALSE
19. defaultObjectCategory: CN=ms-DFSR-LocalSettings,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDFSR-Member

A replication group member.

1. cn: ms-DFSR-Member
2. ldapDisplayName: msDFSR-Member
3. governsId: 1.2.840.113556.1.6.13.4.9
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: msDFSR-ComputerReference
8. mayContain: msDFSR-Options2, serverReference, msDFSR-Keywords,
9. msDFSR-Flags, msDFSR-Options, msDFSR-Extension
10. possSuperiors: msDFSR-Topology
11. schemaIdGuid: 4229c897-c211-437c-a5ae-dbf705b696e5
12. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
13. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
14. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
15. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
16. defaultHidingValue: TRUE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=ms-DFSR-Member,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDFSR-ReplicationGroup

A replication group container.

1. cn: ms-DFSR-ReplicationGroup
2. ldapDisplayName: msDFSR-ReplicationGroup
3. governsId: 1.2.840.113556.1.6.13.4.5
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: msDFSR-ReplicationGroupType
8. mayContain: msDFSR-Options2, msDFSR-OnDemandExclusionDirectoryFilter,
9. msDFSR-OnDemandExclusionFileFilter,
10. msDFSR-DefaultCompressionExclusionFilter, msDFSR-DeletedSizeInMb,
11. msDFSR-DirectoryFilter, msDFSR-FileFilter, msDFSR-ConflictSizeInMb,
12. msDFSR-StagingSizeInMb, msDFSR-RootSizeInMb, description,
13. msDFSR-TombstoneExpiryInMin, msDFSR-Flags, msDFSR-Options,
14. msDFSR-Extension, msDFSR-Schedule, msDFSR-Version
15. possSuperiors: msDFSR-GlobalSettings
16. schemaIdGuid: 1c332fe0-0c2a-4f32-afca-23c5e45a9e77
17. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
18. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
19. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
20. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
21. defaultHidingValue: TRUE
22. systemOnly: FALSE
23. defaultObjectCategory: CN=ms-DFSR-ReplicationGroup,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDFSR-Subscriber

Represents local computer membership of a replication group.

1. cn: ms-DFSR-Subscriber
2. ldapDisplayName: msDFSR-Subscriber
3. governsId: 1.2.840.113556.1.6.13.4.2
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: msDFSR-MemberReference, msDFSR-ReplicationGroupGuid
8. mayContain: msDFSR-Options2, msDFSR-Flags, msDFSR-Options,
9. msDFSR-Extension
10. possSuperiors: msDFSR-LocalSettings
11. schemaIdGuid: e11505d7-92c4-43e7-bf5c-295832ffc896
12. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
13. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
14. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
15. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
16. defaultHidingValue: TRUE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=ms-DFSR-Subscriber,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDFSR-Subscription

Represents local computer participation of a content set.

1. cn: ms-DFSR-Subscription
2. ldapDisplayName: msDFSR-Subscription
3. governsId: 1.2.840.113556.1.6.13.4.3
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: msDFSR-ContentSetGuid, msDFSR-ReplicationGroupGuid
8. mayContain: msDFSR-StagingCleanupTriggerInPercent, msDFSR-Options2,
9. msDFSR-OnDemandExclusionDirectoryFilter,
10. msDFSR-OnDemandExclusionFileFilter, msDFSR-MaxAgeInCacheInMin,
11. msDFSR-MinDurationCacheInMin, msDFSR-CachePolicy, msDFSR-ReadOnly,
12. msDFSR-DeletedSizeInMb, msDFSR-DeletedPath, msDFSR-RootPath,
13. msDFSR-RootSizeInMb, msDFSR-StagingPath, msDFSR-StagingSizeInMb,
14. msDFSR-ConflictPath, msDFSR-ConflictSizeInMb, msDFSR-Enabled,
15. msDFSR-RootFence, msDFSR-DfsLinkTarget, msDFSR-Flags,
16. msDFSR-Options, msDFSR-Extension
17. possSuperiors: msDFSR-Subscriber
18. schemaIdGuid: 67212414-7bcc-4609-87e0-088dad8abdee
19. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
20. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
21. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
22. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
23. defaultHidingValue: TRUE
24. systemOnly: FALSE
25. defaultObjectCategory: CN=ms-DFSR-Subscription,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDFSR-Topology

A container for objects that form the replication topology.

1. cn: ms-DFSR-Topology
2. ldapDisplayName: msDFSR-Topology
3. governsId: 1.2.840.113556.1.6.13.4.8
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: msDFSR-Options2, msDFSR-Flags, msDFSR-Options,
8. msDFSR-Extension
9. possSuperiors: msDFSR-ReplicationGroup
10. schemaIdGuid: 04828aa9-6e42-4e80-b962-e2fe00754d17
11. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
12. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
13. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
14. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=ms-DFSR-Topology,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDNS-ServerSettings

Stores state information for DNS. The msDNS-KeymasterZones attribute is used to store values.

1. cn: ms-DNS-Server-Settings
2. ldapDisplayName: msDNS-ServerSettings
3. governsId: 1.2.840.113556.1.4.2129
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDNS-KeymasterZones
8. systemPossSuperiors: server
9. schemaIdGuid: ef2fc3ed-6e18-415b-99e4-3114a8cb124b
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;EA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: FALSE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=ms-DNS-Server-Settings,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDS-App-Configuration

Stores the settings information for an application. The msDS-Settings attribute is used to store the actual values.

1. cn: ms-DS-App-Configuration
2. ldapDisplayName: msDS-App-Configuration
3. governsId: 1.2.840.113556.1.5.220
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: applicationSettings
7. mayContain: owner, msDS-ObjectReference, msDS-Integer, msDS-DateTime,
8. msDS-ByteArray, managedBy, keywords
9. possSuperiors: organizationalUnit, computer, container
10. schemaIdGuid: 90df3c3e-1854-4455-a5d7-cad40d56657a
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-DS-App-Configuration,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDS-AppData

Stores data that is used by an object. For example, stores profile information for a user object.

1. cn: ms-DS-App-Data
2. ldapDisplayName: msDS-AppData
3. governsId: 1.2.840.113556.1.5.241
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: applicationSettings
7. mayContain: owner, msDS-ObjectReference, msDS-Integer, msDS-DateTime,
8. msDS-ByteArray, managedBy, keywords
9. possSuperiors: organizationalUnit, computer, container
10. schemaIdGuid: 9e67d761-e327-4d55-bc95-682f875e2f8e
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-DS-App-Data,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDS-AuthNPolicies

A container of this class can contain authentication policy objects.

1. cn: ms-DS-AuthN-Policies
2. ldapDisplayName: msDS-AuthNPolicies
3. governsId: 1.2.840.113556.1.5.293
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: container
8. schemaIdGuid: 3a9adf5d-7b97-4f7e-abb4-e5b55c1c06b4
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;EA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT
14. defaultObjectCategory: CN=ms-DS-AuthN-Policies,<SchemaNCDN>
15. showInAdvancedViewOnly: TRUE

Version-Specific Behavior: Implemented on Windows Server 2012 R2 and Windows Server 2016.

## Class msDS-AuthNPolicy

An instance of this class defines authentication policy behaviors for assigned principals.

1. cn: ms-DS-AuthN-Policy
2. ldapDisplayName: msDS-AuthNPolicy
3. governsId: 1.2.840.113556.1.5.294
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDS-UserAllowedToAuthenticateTo,
8. msDS-UserAllowedToAuthenticateFrom, msDS-UserTGTLifetime,
9. msDS-ComputerAllowedToAuthenticateTo, msDS-ComputerTGTLifetime,
10. msDS-ServiceAllowedToAuthenticateTo, msDS-ServiceAllowedToAuthenticateFrom,
11. msDS-ServiceTGTLifetime, msDS-UserAuthNPolicyBL, msDS-ComputerAuthNPolicyBL,
12. msDS-ServiceAuthNPolicyBL, msDS-AssignedAuthNPolicyBL,
13. msDS-AuthNPolicyEnforced, msDS-UserAllowedNTLMNetworkAuthentication,
14. msDS-ServiceAllowedNTLMNetworkAuthentication, msDS-StrongNTLMPolicy
15. systemPossSuperiors: msDS-AuthNPolicies
16. schemaIdGuid: ab6a1156-4dc7-40f5-9180-8e4ce42fe5cd
17. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;EA)
18. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
19. defaultHidingValue: FALSE
20. systemOnly: FALSE
21. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT
22. defaultObjectCategory: CN=ms-DS-AuthN-Policy,<SchemaNCDN>
23. showInAdvancedViewOnly: TRUE

Version-Specific Behavior: Implemented on Windows Server 2012 R2 and Windows Server 2016.

## Class msDS-AuthNPolicySilo

An instance of this class defines authentication policies and related behaviors for assigned users, computers, and services.

1. cn: ms-DS-AuthN-Policy-Silo
2. ldapDisplayName: msDS-AuthNPolicySilo
3. governsId: 1.2.840.113556.1.5.292
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: msDS-AuthNPolicySilos
8. systemMayContain: msDS-AuthNPolicySiloMembers, msDS-UserAuthNPolicy,
9. msDS-ComputerAuthNPolicy, msDS-ServiceAuthNPolicy,
10. msDS-AssignedAuthNPolicySiloBL, msDS-AuthNPolicySiloEnforced
11. schemaIdGuid: f9f0461e-697d-4689-9299-37e61d617b0d
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;EA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: FALSE
15. systemOnly: FALSE
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT
17. defaultObjectCategory: CN=ms-DS-AuthN-Policy-Silo,<SchemaNCDN>
18. showInAdvancedViewOnly: TRUE

Version-Specific Behavior: Implemented on Windows Server 2012 R2 and Windows Server 2016.

## Class msDS-AuthNPolicySilos

A container of this class can contain authentication policy silo objects.

1. cn: ms-DS-AuthN-Policy-Silos
2. ldapDisplayName: msDS-AuthNPolicySilos
3. governsId: 1.2.840.113556.1.5.291
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: container
8. schemaIdGuid: d2b1470a-8f84-491e-a752-b401ee00fe5c
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;EA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT
14. defaultObjectCategory: CN=ms-DS-AuthN-Policy-Silos,<SchemaNCDN>
15. showInAdvancedViewOnly: TRUE

Version-Specific Behavior: Implemented on Windows Server 2012 R2 and Windows Server 2016.

## Class msDS-AzAdminManager

The root of an authorization policy store instance.

1. cn: ms-DS-Az-Admin-Manager
2. ldapDisplayName: msDS-AzAdminManager
3. governsId: 1.2.840.113556.1.5.234
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDS-AzGenericData, msDS-AzObjectGuid,
8. msDS-AzMinorVersion, msDS-AzMajorVersion, msDS-AzApplicationData,
9. msDS-AzGenerateAudits, msDS-AzScriptTimeout,
10. msDS-AzScriptEngineCacheMax, msDS-AzDomainTimeout, description
11. systemPossSuperiors: domainDNS, organizationalUnit, container
12. schemaIdGuid: cfee1051-5f28-4bae-a863-5d0cc18a8ed1
13. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
16. defaultHidingValue: TRUE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=ms-DS-Az-Admin-Manager,<SchemaNCDN>
19. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDS-AzApplication

Defines an installed instance of an application that is bound to a particular policy store.

1. cn: ms-DS-Az-Application
2. ldapDisplayName: msDS-AzApplication
3. governsId: 1.2.840.113556.1.5.235
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDS-AzGenericData, msDS-AzObjectGuid,
8. msDS-AzApplicationData, msDS-AzGenerateAudits,
9. msDS-AzApplicationVersion, msDS-AzClassId, msDS-AzApplicationName,
10. description
11. systemPossSuperiors: msDS-AzAdminManager
12. schemaIdGuid: ddf8de9b-cba5-4e12-842e-28d8b66f75ec
13. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
16. defaultHidingValue: TRUE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=ms-DS-Az-Application,<SchemaNCDN>
19. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDS-AzOperation

Describes a particular operation that is supported by an application.

1. cn: ms-DS-Az-Operation
2. ldapDisplayName: msDS-AzOperation
3. governsId: 1.2.840.113556.1.5.236
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msDS-AzOperationID
8. systemMayContain: msDS-AzGenericData, msDS-AzObjectGuid,
9. msDS-AzApplicationData, description
10. systemPossSuperiors: container, msDS-AzApplication
11. schemaIdGuid: 860abe37-9a9b-4fa4-b3d2-b8ace5df9ec5
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=ms-DS-Az-Operation,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDS-AzRole

Defines a set of operations that can be performed by a particular set of users within a particular scope.

1. cn: ms-DS-Az-Role
2. ldapDisplayName: msDS-AzRole
3. governsId: 1.2.840.113556.1.5.239
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDS-AzGenericData, msDS-AzObjectGuid,
8. msDS-AzApplicationData, msDS-TasksForAzRole,
9. msDS-OperationsForAzRole, msDS-MembersForAzRole, description
10. systemPossSuperiors: container, msDS-AzScope, msDS-AzApplication
11. schemaIdGuid: 8213eac9-9d55-44dc-925c-e9a52b927644
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=ms-DS-Az-Role,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDS-AzScope

Describes a set of objects that are managed by an application.

1. cn: ms-DS-Az-Scope
2. ldapDisplayName: msDS-AzScope
3. governsId: 1.2.840.113556.1.5.237
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msDS-AzScopeName
8. systemMayContain: msDS-AzGenericData, msDS-AzObjectGuid,
9. msDS-AzApplicationData, description
10. systemPossSuperiors: msDS-AzApplication
11. schemaIdGuid: 4feae054-ce55-47bb-860e-5b12063a51de
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=ms-DS-Az-Scope,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDS-AzTask

Describes a set of operations.

1. cn: ms-DS-Az-Task
2. ldapDisplayName: msDS-AzTask
3. governsId: 1.2.840.113556.1.5.238
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDS-AzGenericData, msDS-AzObjectGuid,
8. msDS-TasksForAzTask, msDS-OperationsForAzTask,
9. msDS-AzApplicationData, msDS-AzTaskIsRoleDefinition,
10. msDS-AzLastImportedBizRulePath, msDS-AzBizRuleLanguage,
11. msDS-AzBizRule, description
12. systemPossSuperiors: container, msDS-AzScope, msDS-AzApplication
13. schemaIdGuid: 1ed3a473-9b1b-418a-bfa0-3a37b95a5306
14. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
16. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
17. defaultHidingValue: TRUE
18. systemOnly: FALSE
19. defaultObjectCategory: CN=ms-DS-Az-Task,<SchemaNCDN>
20. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDS-ClaimsTransformationPolicies

An object of this class holds the one set of claims transformation policies for cross-forest claims transformation.

1. cn: ms-DS-Claims-Transformation-Policies
2. ldapDisplayName: msDS-ClaimsTransformationPolicies
3. governsId: 1.2.840.113556.1.5.281
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: container
8. schemaIdGuid: c8fca9b1-7d88-bb4f-827a-448927710762
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=ms-DS-Claims-Transformation-Policies,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDS-ClaimsTransformationPolicyType

An object of this class holds the one set of claims transformation policies for cross-forest claims transformation.

1. cn: ms-DS-Claims-Transformation-Policy-Type
2. ldapDisplayName: msDS-ClaimsTransformationPolicyType
3. governsId: 1.2.840.113556.1.5.280
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDS-TransformationRulesCompiled, msDS-TransformationRules
8. systemPossSuperiors: msDS-ClaimsTransformationPolicies
9. schemaIdGuid: 2eeb62b3-1373-fe45-8101-387f1676edc7
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=ms-DS-Claims-Transformation-Policy-Type,
15. <SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDS-ClaimType

An instance of this class holds the definition of a claim type that can be defined on security principals.

1. cn: ms-DS-Claim-Type
2. ldapDisplayName: msDS-ClaimType
3. governsId: 1.2.840.113556.1.5.272
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: msDS-ClaimTypePropertyBase
7. systemMayContain: msDS-ClaimIsSingleValued, msDS-ClaimIsValueSpaceRestricted,
8. msDS-ClaimValueType, msDS-ClaimSourceType, msDS-ClaimSource,
9. msDS-ClaimTypeAppliesToClass, msDS-ClaimAttributeSource
10. systemPossSuperiors: msDS-ClaimTypes
11. schemaIdGuid: 81a3857c-5469-4d8f-aae6-c27699762604
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: FALSE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=ms-DS-Claim-Type,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDS-ClaimTypePropertyBase

An abstract class that defines the base class for claim type or resource property classes.

1. cn: ms-DS-Claim-Type-Property-Base
2. ldapDisplayName: msDS-ClaimTypePropertyBase
3. governsId: 1.2.840.113556.1.5.269
4. objectClassCategory: 2
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDS-ClaimSharesPossibleValuesWith, Enabled,
8. msDS-ClaimPossibleValues
9. schemaIdGuid: b8442f58-c490-4487-8a9d-d80b883271ad
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: FALSE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=ms-DS-Claim-Type-Property-Base,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDS-ClaimTypes

A container of this class can contain claim type objects.

1. cn: ms-DS-Claim-Types
2. ldapDisplayName: msDS-ClaimTypes
3. governsId: 1.2.840.113556.1.5.270
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: container
8. schemaIdGuid: 36093235-c715-4821-ab6a-b56fb2805a58
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=ms-DS-Claim-Types,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDS-CloudExtensions

A collection of attributes that contains application-specific strings for cloud scenarios.

1. cn: ms-DS-Cloud-Extensions
2. ldapDisplayName: msDS-CloudExtensions
3. governsId: 1.2.840.113556.1.5.283
4. objectClassCategory: 3
5. rdnAttId: cn
6. subClassOf: top
7. MayContain: msDS-cloudExtensionAttribute1, msDS-cloudExtensionAttribute2,
8. msDS-cloudExtensionAttribute3, msDS-cloudExtensionAttribute4,
9. msDS-cloudExtensionAttribute5, msDS-cloudExtensionAttribute6,
10. msDS-cloudExtensionAttribute7, msDS-cloudExtensionAttribute8,
11. msDS-cloudExtensionAttribute9, msDS-cloudExtensionAttribute10,
12. msDS-cloudExtensionAttribute11, msDS-cloudExtensionAttribute12,
13. msDS-cloudExtensionAttribute13, msDS-cloudExtensionAttribute14,
14. msDS-cloudExtensionAttribute15, msDS-cloudExtensionAttribute16,
15. msDS-cloudExtensionAttribute17, msDS-cloudExtensionAttribute18,
16. msDS-cloudExtensionAttribute19, msDS-cloudExtensionAttribute20
17. schemaIdGuid: 641e87a4-8326-4771-ba2d-c706df35e35a
18. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
19. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
20. defaultHidingValue: TRUE
21. systemOnly: FALSE
22. defaultObjectCategory: CN=ms-DS-Cloud-Extensions,<SchemaNCDN>
23. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDS-Device

This class represents a registered device.

1. cn: ms-DS-Device
2. ldapDisplayName: msDS-Device
3. governsId: 1.2.840.113556.1.5.286
4. objectClassCategory: 1
5. rDNAttID: cn
6. subClassOf: top
7. systemMustContain: altSecurityIdentities, displayName, msDS-DeviceID,
8. msDS-IsEnabled
9. systemMayContain: msDS-ApproximateLastLogonTimeStamp, msDS-CloudAnchor,
10. msDS-CloudIsManaged, msDS-DeviceObjectVersion, msDS-DeviceOSType,
11. msDS-DeviceOSVersion, msDS-DevicePhysicalIDs, msDS-IsManaged,
12. msDS-RegisteredOwner, msDS-RegisteredUsers, msDS-DeviceMDMStatus,
13. msDS-IsCompliant, msDS-DeviceTrustType, msDS-ComputerSID, msDS-KeyCredentialLink
14. systemPossSuperiors: msDS-DeviceContainer
15. schemaIdGuid: 5df2b673-6d41-4774-b3e8-d52e8ee9ff99
16. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
17. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
18. defaultHidingValue: TRUE
19. systemOnly: FALSE
20. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT
21. defaultObjectCategory: CN=ms-DS-Device,<SchemaNCDN>
22. showInAdvancedViewOnly: TRUE

Version-Specific Behavior: Implemented on Windows Server 2012 R2 and Windows Server 2016.

## Class msDS-DeviceContainer

The container used to hold device objects.

1. cn: ms-DS-Device-Container
2. ldapDisplayName: msDS-DeviceContainer
3. governsId: 1.2.840.113556.1.5.289
4. objectClassCategory: 1
5. rDNAttID: cn
6. subClassOf: top
7. systemPossSuperiors: domainDNS
8. schemaIdGuid: 7c9e8c58-901b-4ea8-b6ec-4eb9e9fc0e11
9. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT
14. defaultObjectCategory: CN=ms-DS-Device-Container,<SchemaNCDN>
15. showInAdvancedViewOnly: TRUE

Version-Specific Behavior: Implemented on Windows Server 2012 R2 and Windows Server 2016.

## Class msDS-DeviceRegistrationService

This class holds the registration service configuration that is used for devices.

1. cn: ms-DS-Device-Registration-Service
2. ldapDisplayName: msDS-DeviceRegistrationService
3. governsId: 1.2.840.113556.1.5.284
4. objectClassCategory: 1
5. rDNAttID: cn
6. subClassOf: top
7. systemMustContain: msDS-DeviceLocation, msDS-IsEnabled
8. systemMayContain: msDS-CloudIsEnabled, msDS-CloudIssuerPublicCertificates,
9. msDS-IssuerCertificates, msDS-IssuerPublicCertificates,
10. msDS-MaximumRegistrationInactivityPeriod, msDS-RegistrationQuota
11. systemPossSuperiors: msDS-DeviceRegistrationServiceContainer
12. schemaIdGuid: 96bc3a1a-e3d2-49d3-af11-7b0df79d67f5
13. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT
18. defaultObjectCategory: CN=ms-DS-Device-Registration-Service,<SchemaNCDN>
19. showInAdvancedViewOnly: TRUE

Version-Specific Behavior: Implemented on Windows Server 2012 R2 and Windows Server 2016.

## Class msDS-DeviceRegistrationServiceContainer

The container used to house all enrollment services used for device registrations.

1. cn: ms-DS-Device-Registration-Service-Container
2. ldapDisplayName: msDS-DeviceRegistrationServiceContainer
3. governsId: 1.2.840.113556.1.5.287
4. objectClassCategory: 1
5. rDNAttID: cn
6. subClassOf: top
7. systemPossSuperiors: container
8. schemaIdGuid: 310b55ce-3dcd-4392-a96d-c9e35397c24f
9. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT
14. defaultObjectCategory: CN=ms-DS-Device-Registration-Service-Container,
15. <SchemaNCDN>
16. showInAdvancedViewOnly: TRUE

Version-Specific Behavior: Implemented on Windows Server 2012 R2 and Windows Server 2016.

## Class msDS-GroupManagedServiceAccount

The group managed service account class is used to create an account that can be shared by different computers in order to run Windows services.

1. cn: ms-DS-Group-Managed-Service-Account
2. ldapDisplayName: msDS-GroupManagedServiceAccount
3. governsId: 1.2.840.113556.1.5.282
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: computer
7. systemMustContain: msDS-ManagedPasswordInterval
8. systemMayContain: msDS-GroupMSAMembership, msDS-ManagedPasswordPreviousId,
9. msDS-ManagedPasswordId, msDS-ManagedPassword
10. systemPossSuperiors: computer, container, organizationalUnit, domainDNS
11. schemaIdGuid: 7b8b558a-93a5-4af7-adca-c017e67f1057
12. defaultSecurityDescriptor: D:
13. (OD;;CR;00299570-246d-11d0-a768-00aa006e0529;;WD)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;AO)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPCRLCLORCSDDT;;;CO)
16. (OA;;WP;4c164200-20c0-11d0-a768-00aa006e0529;;CO)
17. (OA;;SW;72e39547-7b18-11d1-adef-00c04fd8d5cd;;CO)
18. (OA;;SW;f3a64788-5306-11d1-a9c5-0000f80367c1;;CO)
19. (OA;;WP;3e0abfd0-126a-11d0-a060-00aa006c33ed;bf967a86-0de6-11d0-a285-
20. 00aa003049e2;CO)(OA;;WP;5f202010-79a5-11d0-9020-00c04fc2d4cf;bf967a86-
21. 0de6-11d0-a285-00aa003049e2;CO)(OA;;WP;bf967950-0de6-11d0-a285-
22. 00aa003049e2;bf967a86-0de6-11d0-a285-00aa003049e2;CO)(OA;;WP;bf967953-
23. 0de6-11d0-a285-00aa003049e2;bf967a86-0de6-11d0-a285-00aa003049e2;CO)
24. (OA;;SW;f3a64788-5306-11d1-a9c5-0000f80367c1;;PS)
25. (OA;;RPWP;77B5B886-944A-11d1-AEBD-0000F80367C1;;PS)
26. (OA;;SW;72e39547-7b18-11d1-adef-00c04fd8d5cd;;PS)(A;;RPLCLORC;;;AU)
27. (OA;;RPWP;bf967a7f-0de6-11d0-a285-00aa003049e2;;CA)
28. (OA;;RP;46a9b11d-60ae-405a-b7e8-ff8a58d456d2;;S-1-5-32-560)
29. (OA;;RP;e362ed86-b728-0842-b27d-2dea7a9df218;;WD)
30. defaultHidingValue: FALSE
31. systemOnly: FALSE
32. defaultObjectCategory: CN=ms-DS-Group-Managed-Service-Account,<SchemaNCDN>
33. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDS-KeyCredential

An instance of this class contains key material.

1. cn: ms-DS-Key-Credential
2. ldapDisplayName: msDS-KeyCredential
3. governsId: 1.2.840.113556.1.5.297
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msDS-KeyId
8. systemMayContain: msDS-KeyMaterial, msDS-KeyUsage, msDS-KeyPrincipal, msDS-DeviceDN,
9. msDS-ComputerSID, msDS-CustomKeyInformation, msDS-KeyApproximateLastLogonTimeStamp,
10. msDS-DeviceID
11. systemPossSuperiors: Container
12. schemaIdGuid: ee1f5543-7c2e-476a-8b3f-e11f4af6c498
13. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;EA)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
15. defaultHidingValue: FALSE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=ms-DS-Key-Credential,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT
19. showInAdvancedViewOnly: TRUE

Version-Specific Behavior: Implemented on Windows Server 2016.

## Class msDS-ManagedServiceAccount

The service account class is used to create accounts that are used for running Windows services.

1. cn: ms-DS-Managed-Service-Account
2. ldapDisplayName: msDS-ManagedServiceAccount
3. governsId: 1.2.840.113556.1.5.264
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: computer
7. systemPossSuperiors: domainDNS, organizationalUnit, container
8. schemaIdGuid: ce206244-5827-4a86-ba1c-1c0c386c1b64
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;AO)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPCRLCLORCSDDT;;;CO)
12. (OA;;WP;4c164200-20c0-11d0-a768-00aa006e0529;;CO)
13. (OA;;SW;72e39547-7b18-11d1-adef-00c04fd8d5cd;;CO)
14. (OA;;SW;f3a64788-5306-11d1-a9c5-0000f80367c1;;CO)
15. (OA;;WP;3e0abfd0-126a-11d0-a060-00aa006c33ed;
16. bf967a86-0de6-11d0-a285-00aa003049e2;CO)
17. (OA;;WP;5f202010-79a5-11d0-9020-00c04fc2d4cf;
18. bf967a86-0de6-11d0-a285-00aa003049e2;CO)
19. (OA;;WP;bf967950-0de6-11d0-a285-00aa003049e2;
20. bf967a86-0de6-11d0-a285-00aa003049e2;CO)
21. (OA;;WP;bf967953-0de6-11d0-a285-00aa003049e2;
22. bf967a86-0de6-11d0-a285-00aa003049e2;CO)
23. (OA;;SW;f3a64788-5306-11d1-a9c5-0000f80367c1;;PS)
24. (OA;;RPWP;77B5B886-944A-11d1-AEBD-0000F80367C1;;PS)
25. (OA;;SW;72e39547-7b18-11d1-adef-00c04fd8d5cd;;PS)(A;;RPLCLORC;;;AU)
26. (OA;;CR;ab721a53-1e2f-11d0-9819-00aa0040529b;;WD)
27. (OA;;RPWP;bf967a7f-0de6-11d0-a285-00aa003049e2;;CA)
28. (OA;;RP;46a9b11d-60ae-405a-b7e8-ff8a58d456d2;;S-1-5-32-560)
29. (OA;;RP;b7c69e6d-2cc7-11d2-854e-00a0c983f608;;ED)
30. defaultHidingValue: FALSE
31. systemOnly: FALSE
32. defaultObjectCategory: CN=ms-DS-Managed-Service-Account,<SchemaNCDN>
33. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDS-OptionalFeature

The configuration object for an optional feature.

1. cn: ms-DS-Optional-Feature
2. ldapDisplayName: msDS-OptionalFeature
3. governsId: 1.2.840.113556.1.5.265
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msDS-OptionalFeatureFlags,
8. msDS-OptionalFeatureGUID
9. systemMayContain: msDS-RequiredDomainBehaviorVersion,
10. msDS-RequiredForestBehaviorVersion
11. systemPossSuperiors: container
12. schemaIdGuid: 44f00041-35af-468b-b20a-6ce8737c580b
13. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
14. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;EA)
15. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
16. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
17. defaultHidingValue: TRUE
18. systemOnly: TRUE
19. defaultObjectCategory: CN=ms-DS-Optional-Feature,<SchemaNCDN>
20. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDS-PasswordSettings

The password settings object for accounts.

1. cn: ms-DS-Password-Settings
2. ldapDisplayName: msDS-PasswordSettings
3. governsId: 1.2.840.113556.1.5.255
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msDS-MaximumPasswordAge, msDS-MinimumPasswordAge,
8. msDS-MinimumPasswordLength, msDS-PasswordComplexityEnabled,
9. msDS-LockoutObservationWindow, msDS-LockoutDuration,
10. msDS-LockoutThreshold, msDS-PasswordReversibleEncryptionEnabled,
11. msDS-PasswordSettingsPrecedence, msDS-PasswordHistoryLength
12. systemMayContain: msDS-PSOAppliesTo
13. systemPossSuperiors: msDS-PasswordSettingsContainer
14. schemaIdGuid: 3bcd9db8-f84b-451c-952f-6c52b81f9ec6
15. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
16. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
17. systemOnly: FALSE
18. defaultObjectCategory: CN=ms-DS-Password-Settings,<SchemaNCDN>
19. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDS-PasswordSettingsContainer

A container for password settings objects.

1. cn: ms-DS-Password-Settings-Container
2. ldapDisplayName: msDS-PasswordSettingsContainer
3. governsId: 1.2.840.113556.1.5.256
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: container
8. schemaIdGuid: 5b06b06a-4cf3-44c0-bd16-43bc10a987da
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
11. systemOnly: FALSE
12. defaultObjectCategory: CN=ms-DS-Password-Settings-Container,
13. <SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDS-QuotaContainer

A special container that holds all quota specifications for the directory database.

1. cn: ms-DS-Quota-Container
2. ldapDisplayName: msDS-QuotaContainer
3. governsId: 1.2.840.113556.1.5.242
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: cn
8. systemMayContain: msDS-TopQuotaUsage, msDS-QuotaUsed,
9. msDS-QuotaEffective, msDS-TombstoneQuotaFactor, msDS-DefaultQuota
10. systemPossSuperiors: configuration, domainDNS
11. schemaIdGuid: da83fc4f-076f-4aea-b4dc-8f4dab9b5993
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPLCLORC;;;BA)(OA;;CR;4ecc03fe-ffc0-4947-b630-eb672a8a9dbc;;WD)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=ms-DS-Quota-Container,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDS-QuotaControl

Represents quota specifications for the directory database.

1. cn: ms-DS-Quota-Control
2. ldapDisplayName: msDS-QuotaControl
3. governsId: 1.2.840.113556.1.5.243
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msDS-QuotaAmount, msDS-QuotaTrustee, cn
8. systemPossSuperiors: msDS-QuotaContainer
9. schemaIdGuid: de91fc26-bd02-4b52-ae26-795999e96fc7
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPLCLORC;;;BA)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=ms-DS-Quota-Control,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDS-ResourceProperties

A container of this class can contain resource properties.

1. cn: ms-DS-Resource-Properties
2. ldapDisplayName: msDS-ResourceProperties
3. governsId: 1.2.840.113556.1.5.271
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: container
8. schemaIdGuid: 7a4a4584-b350-478f-acd6-b4b852d82cc0
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=ms-DS-Resource-Properties,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDS-ResourceProperty

An instance of this class holds the definition of a property of resources.

1. cn: ms-DS-Resource-Property
2. ldapDisplayName: msDS-ResourceProperty
3. governsId: 1.2.840.113556.1.5.273
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: msDS-ClaimTypePropertyBase
7. systemMustContain: msDS-ValueTypeReference
8. systemMayContain: msDS-AppliesToResourceTypes,
9. msDS-IsUsedAsResourceSecurityAttribute
10. systemPossSuperiors: msDS-ResourceProperties
11. schemaIdGuid: 5b283d5e-8404-4195-9339-8450188c501a
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;EA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: FALSE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=ms-DS-Resource-Property,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msDS-ResourcePropertyList

An object of this class contains a list of resource properties.

1. cn: ms-DS-Resource-Property-List
2. ldapDisplayName: msDS-ResourcePropertyList
3. governsId: 1.2.840.113556.1.5.274
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDS-MembersOfResourcePropertyList
8. systemPossSuperiors: container
9. schemaIdGuid: 72e3d47a-b342-4d45-8f56-baff803cabf9
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: FALSE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=ms-DS-Resource-Property-List,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

The **defaultHidingValue** attribute is set to TRUE in new domains running Windows Server 2012.

## Class msDS-ShadowPrincipal

This class represents a principal from an external forest.

1. cn: ms-DS-Shadow-Principal
2. ldapDisplayName: msDS-ShadowPrincipal
3. governsId: 1.2.840.113556.1.5.299
4. objectClassCategory: 1
5. rdnAttId: cn
6. schemaIdGuid: 770f4cb3-1643-469c-b766-edd77aa75e14
7. defaultHidingValue: FALSE
8. showInAdvancedViewOnly: TRUE
9. systemOnly: FALSE
10. defaultObjectCategory: CN=ms-DS-Shadow-Principal,<SchemaNCDN>
11. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT
12. subClassOf: top
13. systemPossSuperiors: msDS-ShadowPrincipalContainer
14. systemMayContain: member
15. systemMustContain: msDS-ShadowPrincipalSid

Version-Specific Behavior: Implemented on Windows Server 2016.

## Class msDS-ShadowPrincipalContainer

This class is the dedicated container for msDS-ShadowPrincipal objects.

1. cn: ms-DS-Shadow-Principal-Container
2. ldapDisplayName: msDS-ShadowPrincipalContainer
3. governsId: 1.2.840.113556.1.5.298
4. objectClassCategory: 1
5. rdnAttId: cn
6. schemaIdGuid: 11f95545-d712-4c50-b847-d2781537c633
7. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;EA)
8. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
9. defaultHidingValue: FALSE
10. showInAdvancedViewOnly: TRUE
11. systemOnly: FALSE
12. defaultObjectCategory: CN=ms-DS-Shadow-Principal-Container,<SchemaNCDN>
13. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT
14. subClassOf: container

Version-Specific Behavior: Implemented on Windows Server 2016.

## Class msDS-ValueType

A value-type object holds value-type information for a resource property.

1. cn: ms-DS-Value-Type
2. ldapDisplayName: msDS-ValueType
3. governsId: 1.2.840.113556.1.5.279
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msDS-IsPossibleValuesPresent, msDS-ClaimIsSingleValued,
8. msDS-ClaimIsValueSpaceRestricted, msDS-ClaimValueType
9. systemPossSuperiors: container
10. schemaIdGuid: e3c27fdf-b01d-4f4e-87e7-056eef0eb922
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-DS-Value-Type,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msExchConfigurationContainer

Stores configuration information for a Microsoft Exchange Server.

1. cn: ms-Exch-Configuration-Container
2. ldapDisplayName: msExchConfigurationContainer
3. governsId: 1.2.840.113556.1.5.176
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: container
7. systemMayContain: templateRoots, addressBookRoots, globalAddressList,
8. templateRoots2, addressBookRoots2, globalAddressList2
9. schemaIdGuid: d03d6858-06f4-11d2-aa53-00c04fd7d83a
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=ms-Exch-Configuration-Container,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msFVE-RecoveryInformation

Contains a full-volume encryption recovery password with its associated GUID.

1. cn: ms-FVE-RecoveryInformation
2. ldapDisplayName: msFVE-RecoveryInformation
3. governsId: 1.2.840.113556.1.5.253
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msFVE-RecoveryPassword, msFVE-RecoveryGuid
8. mayContain: msFVE-KeyPackage, msFVE-VolumeGuid
9. systemPossSuperiors: computer
10. schemaIdGuid: ea715d30-8f53-40d0-bd1e-6109186d782c
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-FVE-RecoveryInformation,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msieee80211-Policy

Stores a Wireless Network Policy object.

1. cn: ms-ieee-80211-Policy
2. ldapDisplayName: msieee80211-Policy
3. governsId: 1.2.840.113556.1.5.240
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msieee80211-ID, msieee80211-DataType,
8. msieee80211-Data
9. systemPossSuperiors: organizationalUnit, container, computer
10. schemaIdGuid: 7b9a2d92-b7eb-4382-9772-c3e0f9baaf94
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-ieee-80211-Policy,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msImaging-PostScanProcess

The container for all Business Scan Post Scan Process objects.

1. cn: ms-Imaging-PostScanProcess
2. ldapDisplayName: msImaging-PostScanProcess
3. governsId: 1.2.840.113556.1.5.263
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msImaging-PSPString, serverName
8. systemMustContain: displayName, msImaging-PSPIdentifier
9. systemPossSuperiors: msImaging-PSPs
10. schemaIdGuid: 1f7c257c-b8a3-4525-82f8-11ccc7bee36e
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: FALSE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-Imaging-PostScanProcess,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msImaging-PSPs

The container for all Business Scan Post Scan Process objects.

1. cn: ms-Imaging-PSPs
2. ldapDisplayName: msImaging-PSPs
3. governsId: 1.2.840.113556.1.5.262
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: container
7. systemPossSuperiors: container
8. schemaIdGuid: a0ed2ac1-970c-4777-848e-ec63a0ec44fc
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: FALSE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=ms-Imaging-PSPs,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msKds-ProvRootKey

Root keys for the Group Key Distribution Service.

1. cn: ms-Kds-Prov-RootKey
2. ldapDisplayName: msKds-ProvRootKey
3. governsId: 1.2.840.113556.1.5.278
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msKds-CreateTime, msKds-RootKeyData,
8. msKds-PrivateKeyLength, msKds-PublicKeyLength,
9. msKds-SecretAgreementAlgorithmID, msKds-KDFAlgorithmID,
10. msKds-UseStartTime, msKds-DomainID, msKds-Version, cn
11. systemMayContain: msKds-SecretAgreementParam, msKds-KDFParam
12. systemPossSuperiors: container
13. schemaIdGuid: aa02fd41-17e0-4f18-8687-b2239649736b
14. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
16. defaultHidingValue: TRUE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=ms-Kds-Prov-RootKey,<SchemaNCDN>
19. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msKds-ProvServerConfiguration

Configuration for the Group Key Distribution Service.

1. cn: ms-Kds-Prov-ServerConfiguration
2. ldapDisplayName: msKds-ProvServerConfiguration
3. governsId: 1.2.840.113556.1.5.277
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msKds-Version
8. systemMayContain: msKds-PrivateKeyLength, msKds-PublicKeyLength,
9. msKds-SecretAgreementParam, msKds-SecretAgreementAlgorithmID,
10. msKds-KDFParam, msKds-KDFAlgorithmID
11. systemPossSuperiors: container
12. schemaIdGuid: 5ef243a8-2a25-45a6-8b73-08a71ae677ce
13. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;EA)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=ms-Kds-Prov-ServerConfiguration,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msMQ-Custom-Recipient

Defines a custom Microsoft Message Queuing (MSMQ) recipient; that is, an alias queue. This class defines an alias for an out-of-enterprise queue and contains the format name of that queue.

1. cn: MSMQ-Custom-Recipient
2. ldapDisplayName: msMQ-Custom-Recipient
3. governsId: 1.2.840.113556.1.5.218
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msMQ-Recipient-FormatName
8. systemPossSuperiors: organizationalUnit, domainDNS, container
9. schemaIdGuid: 876d6817-35cc-436c-acea-5ef7174dd9be
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: FALSE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=MSMQ-Custom-Recipient,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msMQ-Group

Defines a group of MSMQ queues; that is, a distribution list.

1. cn: MSMQ-Group
2. ldapDisplayName: msMQ-Group
3. governsId: 1.2.840.113556.1.5.219
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: member
8. systemPossSuperiors: organizationalUnit
9. schemaIdGuid: 46b27aac-aafa-4ffb-b773-e5bf621ee87b
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=MSMQ-Group,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class mSMQConfiguration

An object that contains MSMQ configuration parameters for a specific computer. The attributes of this class are MSMQ-specific and are used for MSMQ routing decisions.

1. cn: MSMQ-Configuration
2. ldapDisplayName: mSMQConfiguration
3. governsId: 1.2.840.113556.1.5.162
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: mSMQSites, mSMQSignKey, mSMQServiceType,
8. mSMQRoutingServices, mSMQQuota, mSMQOwnerID, mSMQOutRoutingServers,
9. mSMQOSType, mSMQJournalQuota, mSMQInRoutingServers, mSMQForeign,
10. mSMQEncryptKey, mSMQDsServices, mSMQDependentClientServices,
11. mSMQComputerTypeEx, mSMQComputerType
12. systemPossSuperiors: computer
13. schemaIdGuid: 9a0dc344-c100-11d1-bbc5-0080c76670c0
14. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
16. defaultHidingValue: TRUE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=MSMQ-Configuration,<SchemaNCDN>
19. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class mSMQEnterpriseSettings

An object that has general MSMQ information. This object is placed under \configuration\Services and contains organization-wide configuration information for Message Queuing. A forest can have only one of these objects.

1. cn: MSMQ-Enterprise-Settings
2. ldapDisplayName: mSMQEnterpriseSettings
3. governsId: 1.2.840.113556.1.5.163
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: mSMQVersion, mSMQNameStyle, mSMQLongLived,
8. mSMQInterval2, mSMQInterval1, mSMQCSPName
9. systemPossSuperiors: container
10. schemaIdGuid: 9a0dc345-c100-11d1-bbc5-0080c76670c0
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=MSMQ-Enterprise-Settings,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class mSMQMigratedUser

An object that is associated with a migrated user. MSMQ 1.0 used a proprietary directory service that contained specific user information. As part of MSMQ integration with the Windows 2000 operating system directory service, MSMQ provides a migration tool. During migration, for each user that is not in the Windows 2000 domain, a migrated user is created.

1. cn: MSMQ-Migrated-User
2. ldapDisplayName: mSMQMigratedUser
3. governsId: 1.2.840.113556.1.5.179
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: mSMQUserSid, mSMQSignCertificatesMig,
8. mSMQSignCertificates, mSMQDigestsMig, mSMQDigests, objectSid
9. systemPossSuperiors: organizationalUnit, domainDNS, builtinDomain
10. schemaIdGuid: 50776997-3c3d-11d2-90cc-00c04fd91ab1
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=MSMQ-Migrated-User,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class mSMQQueue

A queue that is associated with a specific computer and is placed under the MSMQ-Configuration of that computer. MSMQ users create queues according to their requirements by using the Microsoft Management Console (MMC) or the MSMQ API. There is no limit to the number of queues per computer.

1. cn: MSMQ-Queue
2. ldapDisplayName: mSMQQueue
3. governsId: 1.2.840.113556.1.5.161
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: mSMQTransactional, MSMQ-SecuredSource,
8. mSMQQueueType, mSMQQueueQuota, mSMQQueueNameExt,
9. mSMQQueueJournalQuota, mSMQPrivacyLevel, mSMQOwnerID,
10. MSMQ-MulticastAddress, mSMQLabelEx, mSMQLabel, mSMQJournal,
11. mSMQBasePriority, mSMQAuthenticate
12. systemPossSuperiors: mSMQConfiguration
13. schemaIdGuid: 9a0dc343-c100-11d1-bbc5-0080c76670c0
14. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
16. defaultHidingValue: FALSE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=MSMQ-Queue,<SchemaNCDN>
19. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class mSMQSettings

An object that enables fast query of MSMQ servers at a specific site. This object holds information such as Message Queuing services, which the server provides.

1. cn: MSMQ-Settings
2. ldapDisplayName: mSMQSettings
3. governsId: 1.2.840.113556.1.5.165
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: mSMQSiteNameEx, mSMQSiteName, mSMQServices,
8. mSMQRoutingService, mSMQQMID, mSMQOwnerID, mSMQNt4Flags,
9. mSMQMigrated, mSMQDsService, mSMQDependentClientService
10. systemPossSuperiors: server
11. schemaIdGuid: 9a0dc347-c100-11d1-bbc5-0080c76670c0
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=MSMQ-Settings,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class mSMQSiteLink

Contains information about MSMQ routing connectivity between sites. This object is created for each routing link and contains connectivity information. An object of this type is contained by an MSMQ Services object.

1. cn: MSMQ-Site-Link
2. ldapDisplayName: mSMQSiteLink
3. governsId: 1.2.840.113556.1.5.164
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: mSMQSite2, mSMQSite1, mSMQCost
8. systemMayContain: mSMQSiteGatesMig, mSMQSiteGates
9. systemPossSuperiors: mSMQEnterpriseSettings
10. schemaIdGuid: 9a0dc346-c100-11d1-bbc5-0080c76670c0
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: FALSE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=MSMQ-Site-Link,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msPKI-Enterprise-Oid

The value that is used when a certificate user interface (UI) displays a friendly name for a certificate template, enhanced key usage, application policy, and issuance policy. The UI component tries to locate a string in the attribute that matches the default language locale.

1. cn: ms-PKI-Enterprise-Oid
2. ldapDisplayName: msPKI-Enterprise-Oid
3. governsId: 1.2.840.113556.1.5.196
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDS-OIDToGroupLink, msPKI-OID-User-Notice,
8. msPKI-OIDLocalizedName, msPKI-OID-CPS, msPKI-OID-Attribute,
9. msPKI-Cert-Template-OID
10. systemPossSuperiors: msPKI-Enterprise-Oid, container
11. schemaIdGuid: 37cfd85c-6719-4ad8-8f9e-8678ba627563
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=ms-PKI-Enterprise-Oid,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msPKI-Key-Recovery-Agent

An object that is associated with a key recovery agent (KRA) instance. One KRA object instance is created for each installed Cert Server (with a unique common name) during Cert Server setup. If two certificate authorities (CAs) are given the same common name during CA setup, they share a single KRA object instance.

1. cn: ms-PKI-Key-Recovery-Agent
2. ldapDisplayName: msPKI-Key-Recovery-Agent
3. governsId: 1.2.840.113556.1.5.195
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: user
7. systemPossSuperiors: container
8. schemaIdGuid: 26ccf238-a08e-4b86-9a82-a8c9ac7ee5cb
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=ms-PKI-Key-Recovery-Agent,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msPKI-PrivateKeyRecoveryAgent

Publishes the KRA certificate in the KRA container.

1. cn: ms-PKI-Private-Key-Recovery-Agent
2. ldapDisplayName: msPKI-PrivateKeyRecoveryAgent
3. governsId: 1.2.840.113556.1.5.223
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: userCertificate
8. systemPossSuperiors: container
9. schemaIdGuid: 1562a632-44b9-4a7e-a2d3-e426c96a3acc
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=ms-PKI-Private-Key-Recovery-Agent,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msPrint-ConnectionPolicy

Contains the printer connection policy.

1. cn: ms-Print-ConnectionPolicy
2. ldapDisplayName: msPrint-ConnectionPolicy
3. governsId: 1.2.840.113556.1.6.23.2
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: cn
8. mayContain: printerName, printAttributes, serverName, uNCName
9. possSuperiors: container
10. schemaIdGuid: a16f33c7-7fd6-4828-9364-435138fda08d
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-Print-ConnectionPolicy,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msSFU30DomainInfo

Represents an internal data structure that is used by the server for Network Information Service (NIS).

1. cn: msSFU-30-Domain-Info
2. ldapDisplayName: msSFU30DomainInfo
3. governsId: 1.2.840.113556.1.6.18.2.215
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: msSFU30Domains, msSFU30YpServers, msSFU30SearchContainer,
8. msSFU30IsValidContainer, msSFU30MasterServerName,
9. msSFU30OrderNumber, msSFU30MaxGidNumber, msSFU30MaxUidNumber,
10. msSFU30CryptMethod
11. possSuperiors: container
12. schemaIdGuid: 36297dce-656b-4423-ab65-dabb2770819e
13. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=msSFU-30-Domain-Info,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msSFU30MailAliases

Represents email file data for Windows Services for UNIX.

1. cn: msSFU-30-Mail-Aliases
2. ldapDisplayName: msSFU30MailAliases
3. governsId: 1.2.840.113556.1.6.18.2.211
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: msSFU30Name, msSFU30NisDomain, msSFU30Aliases, nisMapName
8. possSuperiors: domainDNS, nisMap, container
9. schemaIdGuid: d6710785-86ff-44b7-85b5-f1f8689522ce
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=msSFU-30-Mail-Aliases,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msSFU30NetId

Stores the network ID.

1. cn: msSFU-30-Net-Id
2. ldapDisplayName: msSFU30NetId
3. governsId: 1.2.840.113556.1.6.18.2.212
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: msSFU30KeyValues, msSFU30Name, msSFU30NisDomain,
8. nisMapName
9. possSuperiors: domainDNS, nisMap, container
10. schemaIdGuid: e263192c-2a02-48df-9792-94f2328781a0
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=msSFU-30-Net-Id,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msSFU30NetworkUser

Represents network file data.

1. cn: msSFU-30-Network-User
2. ldapDisplayName: msSFU30NetworkUser
3. governsId: 1.2.840.113556.1.6.18.2.216
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: msSFU30KeyValues, msSFU30Name, msSFU30NisDomain,
8. nisMapName
9. possSuperiors: domainDNS, nisMap, container
10. schemaIdGuid: e15334a3-0bf0-4427-b672-11f5d84acc92
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=msSFU-30-Network-User,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msSFU30NISMapConfig

Represents an internal data structure that is used by the server for NIS.

1. cn: msSFU-30-NIS-Map-Config
2. ldapDisplayName: msSFU30NISMapConfig
3. governsId: 1.2.840.113556.1.6.18.2.217
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: msSFU30KeyAttributes, msSFU30FieldSeparator,
8. msSFU30NSMAPFieldPosition, msSFU30IntraFieldSeparator,
9. msSFU30SearchAttributes, msSFU30ResultAttributes, msSFU30MapFilter
10. possSuperiors: container
11. schemaIdGuid: faf733d0-f8eb-4dcf-8d75-f1753af6a50b
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=msSFU-30-NIS-Map-Config,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msSPP-ActivationObject

An activation object used in Active Directory Domain Services-based activation.

1. cn: ms-SPP-Activation-Object
2. ldapDisplayName: msSPP-ActivationObject
3. governsId: 1.2.840.113556.1.5.267
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msSPP-KMSIds, msSPP-CSVLKSkuId,
8. msSPP-CSVLKPartialProductKey, msSPP-CSVLKPid
9. systemMayContain: msSPP-IssuanceLicense, msSPP-ConfigLicense,
10. msSPP-PhoneLicense, msSPP-OnlineLicense, msSPP-ConfirmationId,
11. msSPP-InstallationId
12. systemPossSuperiors: msSPP-ActivationObjectsContainer
13. schemaIdGuid: 51a0e68c-0dc5-43ca-935d-c1c911bf2ee5
14. defaultSecurityDescriptor: O:BAG:BAD: (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
15. (A;;RPLCLORC;;;AU)
16. defaultHidingValue: TRUE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=ms-SPP-Activation-Object,<SchemaNCDN>
19. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msSPP-ActivationObjectsContainer

A container for activation objects used by Active Directory Domain Services-based activation.

1. cn: ms-SPP-Activation-Objects-Container
2. ldapDisplayName: msSPP-ActivationObjectsContainer
3. governsId: 1.2.840.113556.1.5.266
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: container
8. schemaIdGuid: b72f862b-bb25-4d5d-aa51-62c59bdf90ae
9. defaultSecurityDescriptor: O:BAG:BAD: (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=ms-SPP-Activation-Objects-Container,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msTAPI-RtConference

Publishes a real-time Telephony API (TAPI) multicast conference.

1. cn: ms-TAPI-Rt-Conference
2. ldapDisplayName: msTAPI-RtConference
3. governsId: 1.2.840.113556.1.5.221
4. objectClassCategory: 1
5. rdnAttId: msTAPI-uid
6. subClassOf: top
7. systemMustContain: msTAPI-uid
8. systemMayContain: msTAPI-ConferenceBlob, msTAPI-ProtocolId
9. systemPossSuperiors: organizationalUnit
10. schemaIdGuid: ca7b9735-4b2a-4e49-89c3-99025334dc94
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-TAPI-Rt-Conference,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msTAPI-RtPerson

Maps a user to the IP address of the machine that the user is logged on to for use by TAPI multicast conferences.

1. cn: ms-TAPI-Rt-Person
2. ldapDisplayName: msTAPI-RtPerson
3. governsId: 1.2.840.113556.1.5.222
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msTAPI-uid, msTAPI-IpAddress
8. systemPossSuperiors: organization, organizationalUnit
9. schemaIdGuid: 53ea1cb5-b704-4df9-818f-5cb4ec86cac1
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=ms-TAPI-Rt-Person,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msTPM-InformationObject

This class contains recovery information for a Trusted Platform Module (TPM) device.

1. cn: ms-TPM-Information-Object
2. ldapDisplayName: msTPM-InformationObject
3. governsId: 1.2.840.113556.1.5.275
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msTPM-OwnerInformation
8. systemMayContain: msTPM-OwnerInformationTemp, msTPM-SrkPubThumbprint
9. systemPossSuperiors: msTPM-InformationObjectsContainer
10. schemaIdGuid: 85045b6a-47a6-4243-a7cc-6890701f662c
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLO;;;DC)(A;;WP;;;CO)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-TPM-Information-Object,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msTPM-InformationObjectsContainer

A container for Trusted Platform Module (TPM) objects.

1. cn: ms-TPM-Information-Objects-Container
2. ldapDisplayName: msTPM-InformationObjectsContainer
3. governsId: 1.2.840.113556.1.5.276
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: cn
8. systemPossSuperiors: domainDNS, domain
9. schemaIdGuid: e027a8bd-6456-45de-90a3-38593877ee74
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;LOLCCCRP;;;DC)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=ms-TPM-Information-Objects-Container,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msWMI-IntRangeParam

An object for a signed integer range parameter.

1. cn: ms-WMI-IntRangeParam
2. ldapDisplayName: msWMI-IntRangeParam
3. governsId: 1.2.840.113556.1.5.205
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: msWMI-RangeParam
7. systemMustContain: msWMI-IntDefault
8. systemMayContain: msWMI-IntMax, msWMI-IntMin
9. systemPossSuperiors: msWMI-MergeablePolicyTemplate
10. schemaIdGuid: 50ca5d7d-5c8b-4ef3-b9df-5b66d491e526
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-WMI-IntRangeParam,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msWMI-IntSetParam

An object for a signed integer set parameter.

1. cn: ms-WMI-IntSetParam
2. ldapDisplayName: msWMI-IntSetParam
3. governsId: 1.2.840.113556.1.5.206
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: msWMI-RangeParam
7. systemMustContain: msWMI-IntDefault
8. systemMayContain: msWMI-IntValidValues
9. systemPossSuperiors: msWMI-MergeablePolicyTemplate
10. schemaIdGuid: 292f0d9a-cf76-42b0-841f-b650f331df62
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPCCDCLCLODTRC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-WMI-IntSetParam,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msWMI-MergeablePolicyTemplate

Provides a policy template that can be merged with other templates.

1. cn: ms-WMI-MergeablePolicyTemplate
2. ldapDisplayName: msWMI-MergeablePolicyTemplate
3. governsId: 1.2.840.113556.1.5.202
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: msWMI-PolicyTemplate
7. systemPossSuperiors: container
8. schemaIdGuid: 07502414-fdca-4851-b04a-13645b11d226
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPCCDCLCLODTRC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=ms-WMI-MergeablePolicyTemplate,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msWMI-ObjectEncoding

Holds encoding data for a Windows Managment Instrumentation (WMI) class or instance object and also holds other information about the object.

1. cn: ms-WMI-ObjectEncoding
2. ldapDisplayName: msWMI-ObjectEncoding
3. governsId: 1.2.840.113556.1.5.217
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msWMI-Class, msWMI-ScopeGuid, msWMI-Parm1,
8. msWMI-Parm2, msWMI-Parm3, msWMI-Parm4, msWMI-Genus, msWMI-intFlags1,
9. msWMI-intFlags2, msWMI-intFlags3, msWMI-intFlags4, msWMI-ID,
10. msWMI-TargetObject
11. systemPossSuperiors: container
12. schemaIdGuid: 55dd81c9-c312-41f9-a84d-c6adbdf1e8e1
13. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=ms-WMI-ObjectEncoding,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msWMI-PolicyTemplate

Provides a template for creating a class instance in the target namespace.

1. cn: ms-WMI-PolicyTemplate
2. ldapDisplayName: msWMI-PolicyTemplate
3. governsId: 1.2.840.113556.1.5.200
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msWMI-NormalizedClass, msWMI-TargetPath,
8. msWMI-TargetClass, msWMI-TargetNameSpace, msWMI-Name, msWMI-ID
9. systemMayContain: msWMI-TargetType, msWMI-SourceOrganization,
10. msWMI-Parm4, msWMI-Parm3, msWMI-Parm2, msWMI-Parm1, msWMI-intFlags4,
11. msWMI-intFlags3, msWMI-intFlags2, msWMI-intFlags1,
12. msWMI-CreationDate, msWMI-ChangeDate, msWMI-Author
13. systemPossSuperiors: container
14. schemaIdGuid: e2bc80f1-244a-4d59-acc6-ca5c4f82e6e1
15. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
16. (A;;RPWPCRLCLOCCDCRCWDWOSW;;;DA)(A;;CC;;;PA)
17. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
18. defaultHidingValue: TRUE
19. systemOnly: FALSE
20. defaultObjectCategory: CN=ms-WMI-PolicyTemplate,<SchemaNCDN>
21. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msWMI-PolicyType

Communicates schema for WMI policy objects.

1. cn: ms-WMI-PolicyType
2. ldapDisplayName: msWMI-PolicyType
3. governsId: 1.2.840.113556.1.5.211
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msWMI-TargetObject, msWMI-ID
8. systemMayContain: msWMI-SourceOrganization, msWMI-Parm4,
9. msWMI-Parm3, msWMI-Parm2, msWMI-Parm1, msWMI-intFlags4,
10. msWMI-intFlags3, msWMI-intFlags2, msWMI-intFlags1,
11. msWMI-CreationDate, msWMI-ChangeDate, msWMI-Author
12. systemPossSuperiors: container
13. schemaIdGuid: 595b2613-4109-4e77-9013-a3bb4ef277c7
14. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
15. (A;;RPWPCRLCLOCCDCRCWDWOSW;;;DA)(A;;CC;;;PA)
16. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
17. defaultHidingValue: TRUE
18. systemOnly: FALSE
19. defaultObjectCategory: CN=ms-WMI-PolicyType,<SchemaNCDN>
20. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msWMI-RangeParam

The range parameter class that is the basis of the [msWMI-PolicyTemplate](#Section_5d4206d3f5404f5d85566388c8402a5c) class. This class describes one target property that can be merged. Each subclass of this class implements a specific type. This class implements a merge method to support merging and implements a resolve method to generate the final target property.

1. cn: ms-WMI-RangeParam
2. ldapDisplayName: msWMI-RangeParam
3. governsId: 1.2.840.113556.1.5.203
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msWMI-TargetType, msWMI-TargetClass,
8. msWMI-PropertyName
9. systemPossSuperiors: msWMI-MergeablePolicyTemplate
10. schemaIdGuid: 45fb5a57-5018-4d0f-9056-997c8c9122d9
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPCCDCLCLODTRC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-WMI-RangeParam,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msWMI-RealRangeParam

An object for a real number range parameter.

1. cn: ms-WMI-RealRangeParam
2. ldapDisplayName: msWMI-RealRangeParam
3. governsId: 1.2.840.113556.1.5.209
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: msWMI-RangeParam
7. systemMustContain: msWMI-Int8Default
8. systemMayContain: msWMI-Int8Max, msWMI-Int8Min
9. systemPossSuperiors: msWMI-MergeablePolicyTemplate
10. schemaIdGuid: 6afe8fe2-70bc-4cce-b166-a96f7359c514
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-WMI-RealRangeParam,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msWMI-Rule

Defines a single rule in a scope of management (SOM).

1. cn: ms-WMI-Rule
2. ldapDisplayName: msWMI-Rule
3. governsId: 1.2.840.113556.1.5.214
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msWMI-QueryLanguage, msWMI-TargetNameSpace,
8. msWMI-Query
9. systemPossSuperiors: msWMI-Som, container
10. schemaIdGuid: 3c7e6f83-dd0e-481b-a0c2-74cd96ef2a66
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-WMI-Rule,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msWMI-ShadowObject

Holds a WMI-compiled object instance.

1. cn: ms-WMI-ShadowObject
2. ldapDisplayName: msWMI-ShadowObject
3. governsId: 1.2.840.113556.1.5.212
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msWMI-TargetObject
8. systemPossSuperiors: msWMI-PolicyType
9. schemaIdGuid: f1e44bdf-8dd3-4235-9c86-f91f31f5b569
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=ms-WMI-ShadowObject,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msWMI-SimplePolicyTemplate

Provides a type of template that cannot be merged. This class is used when the target object is not intended to be combined; that is, merged.

1. cn: ms-WMI-SimplePolicyTemplate
2. ldapDisplayName: msWMI-SimplePolicyTemplate
3. governsId: 1.2.840.113556.1.5.201
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: msWMI-PolicyTemplate
7. systemMustContain: msWMI-TargetObject
8. systemPossSuperiors: container
9. schemaIdGuid: 6cc8b2b5-12df-44f6-8307-e74f5cdee369
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPCCDCLCLODTRC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=ms-WMI-SimplePolicyTemplate,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msWMI-Som

Refines the SOM for a GPO. Adds a list of rules, expressed as WMI Query Language (WQL) queries, that are executed on the target machine. All queries have to return results in order for this SOM to be applicable to the target.

1. cn: ms-WMI-Som
2. ldapDisplayName: msWMI-Som
3. governsId: 1.2.840.113556.1.5.213
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msWMI-Name, msWMI-ID
8. systemMayContain: msWMI-SourceOrganization, msWMI-Parm4, msWMI-Parm3,
9. msWMI-Parm2, msWMI-Parm1, msWMI-intFlags4, msWMI-intFlags3,
10. msWMI-intFlags2, msWMI-intFlags1, msWMI-CreationDate,
11. msWMI-ChangeDate, msWMI-Author
12. systemPossSuperiors: container
13. schemaIdGuid: ab857078-0142-4406-945b-34c9b6b13372
14. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
15. (A;;RPWPCRLCLOCCDCRCWDWOSW;;;DA)(A;;CC;;;PA)
16. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
17. defaultHidingValue: TRUE
18. systemOnly: FALSE
19. defaultObjectCategory: CN=ms-WMI-Som,<SchemaNCDN>
20. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msWMI-StringSetParam

An object for a string set parameter.

1. cn: ms-WMI-StringSetParam
2. ldapDisplayName: msWMI-StringSetParam
3. governsId: 1.2.840.113556.1.5.210
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: msWMI-RangeParam
7. systemMustContain: msWMI-StringDefault
8. systemMayContain: msWMI-StringValidValues
9. systemPossSuperiors: msWMI-MergeablePolicyTemplate
10. schemaIdGuid: 0bc579a2-1da7-4cea-b699-807f3b9d63a4
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPCCDCLCLODTRC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-WMI-StringSetParam,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msWMI-UintRangeParam

An object for an unsigned integer range parameter.

1. cn: ms-WMI-UintRangeParam
2. ldapDisplayName: msWMI-UintRangeParam
3. governsId: 1.2.840.113556.1.5.207
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: msWMI-RangeParam
7. systemMustContain: msWMI-IntDefault
8. systemMayContain: msWMI-IntMax, msWMI-IntMin
9. systemPossSuperiors: msWMI-MergeablePolicyTemplate
10. schemaIdGuid: d9a799b2-cef3-48b3-b5ad-fb85f8dd3214
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-WMI-UintRangeParam,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msWMI-UintSetParam

An object for an unsigned integer set parameter.

1. cn: ms-WMI-UintSetParam
2. ldapDisplayName: msWMI-UintSetParam
3. governsId: 1.2.840.113556.1.5.208
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: msWMI-RangeParam
7. systemMustContain: msWMI-IntDefault
8. systemMayContain: msWMI-IntValidValues
9. systemPossSuperiors: msWMI-MergeablePolicyTemplate
10. schemaIdGuid: 8f4beb31-4e19-46f5-932e-5fa03c339b1d
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPCCDCLCLODTRC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ms-WMI-UintSetParam,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msWMI-UnknownRangeParam

Supports parameter types that are unknown. They are transported as compiled WMI objects.

1. cn: ms-WMI-UnknownRangeParam
2. ldapDisplayName: msWMI-UnknownRangeParam
3. governsId: 1.2.840.113556.1.5.204
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: msWMI-RangeParam
7. systemMustContain: msWMI-TargetObject, msWMI-NormalizedClass
8. systemPossSuperiors: msWMI-MergeablePolicyTemplate
9. schemaIdGuid: b82ac26b-c6db-4098-92c6-49c18a3336e1
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=ms-WMI-UnknownRangeParam,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class msWMI-WMIGPO

Ties the objects that express the WMI extensions to the Group Policy infrastructure. This value is written to Active Directory in the path pointed to by the corresponding Group Policy Object.

1. cn: ms-WMI-WMIGPO
2. ldapDisplayName: msWMI-WMIGPO
3. governsId: 1.2.840.113556.1.5.215
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: msWMI-TargetClass
8. systemMayContain: msWMI-Parm4, msWMI-Parm3, msWMI-Parm2, msWMI-Parm1,
9. msWMI-intFlags4, msWMI-intFlags3, msWMI-intFlags2, msWMI-intFlags1
10. systemPossSuperiors: container
11. schemaIdGuid: 05630000-3927-4ede-bf27-ca91f275c26f
12. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
13. (A;;RPWPCRLCLOCCDCRCWDWOSW;;;DA)(A;;CC;;;PA)
14. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=ms-WMI-WMIGPO,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class nisMap

A generic abstraction of a Network Information Service (NIS) map.

1. cn: NisMap
2. ldapDisplayName: nisMap
3. governsId: 1.3.6.1.1.1.2.9
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: cn, nisMapName
8. mayContain: description
9. possSuperiors: domainDNS, container, organizationalUnit
10. schemaIdGuid: 7672666c-02c1-4f33-9ecf-f649c1dd9b7c
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=NisMap,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class nisNetgroup

An abstraction of a netgroup. This class can refer to other netgroups.

1. cn: NisNetgroup
2. ldapDisplayName: nisNetgroup
3. governsId: 1.3.6.1.1.1.2.8
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: cn
8. mayContain: description, memberNisNetgroup, nisNetgroupTriple,
9. msSFU30Name, msSFU30NisDomain, nisMapName,
10. msSFU30NetgroupHostAtDomain, msSFU30NetgroupUserAtDomain
11. possSuperiors: domainDNS, nisMap, container, organizationalUnit
12. schemaIdGuid: 72efbf84-6e7b-4a5c-a8db-8a75a7cad254
13. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=NisNetgroup,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class nisObject

An entry in an NIS map.

1. cn: NisObject
2. ldapDisplayName: nisObject
3. governsId: 1.3.6.1.1.1.2.10
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: cn, nisMapName, nisMapEntry
8. mayContain: description, msSFU30Name, msSFU30NisDomain
9. possSuperiors: domainDNS, nisMap, container, organizationalUnit
10. schemaIdGuid: 904f8a93-4954-4c5f-b1e1-53c097a31e13
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=NisObject,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class nTDSConnection

A connection from a remote domain controller.

1. cn: NTDS-Connection
2. ldapDisplayName: nTDSConnection
3. governsId: 1.2.840.113556.1.5.71
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: leaf
7. systemMustContain: options, fromServer, enabledConnection
8. systemMayContain: transportType, schedule, mS-DS-ReplicatesNCReason,
9. generatedConnection
10. systemPossSuperiors: nTFRSMember, nTFRSReplicaSet, nTDSDSA
11. schemaIdGuid: 19195a60-6da0-11d0-afd3-00c04fd930c9
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=NTDS-Connection,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class nTDSDSA

Represents the AD DS and Active Directory directory service agent (DSA) process on the server.

1. cn: NTDS-DSA
2. ldapDisplayName: nTDSDSA
3. governsId: 1.2.840.113556.1.5.7000.47
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: applicationSettings
7. systemMayContain: msDS-EnabledFeature, msDS-IsUserCachableAtRodc, msDS-SiteName,
8. msDS-isRODC, msDS-isGC, msDS-RevealedUsers,
9. msDS-NeverRevealGroup, msDS-RevealOnDemandGroup,
10. msDS-hasFullReplicaNCs, serverReference,
11. msDS-RetiredReplNCSignatures, retiredReplDSASignatures,
12. queryPolicyObject, options, networkAddress, msDS-ReplicationEpoch,
13. msDS-HasInstantiatedNCs, msDS-hasMasterNCs, msDS-HasDomainNCs,
14. msDS-Behavior-Version, managedBy, lastBackupRestorationTime,
15. invocationId, hasPartialReplicaNCs, hasMasterNCs, fRSRootPath,
16. dMDLocation
17. systemPossSuperiors: organization, server
18. schemaIdGuid: f0f8ffab-1191-11d0-a060-00aa006c33ed
19. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
20. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
21. defaultHidingValue: TRUE
22. systemOnly: TRUE
23. defaultObjectCategory: CN=NTDS-DSA,<SchemaNCDN>
24. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class nTDSDSARO

A subclass of the DSA, which is distinguished by its reduced privilege level.

1. cn: NTDS-DSA-RO
2. ldapDisplayName: nTDSDSARO
3. governsId: 1.2.840.113556.1.5.254
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: nTDSDSA
7. systemPossSuperiors: server, organization
8. schemaIdGuid: 85d16ec1-0791-4bc8-8ab3-70980602ff8c
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: TRUE
13. defaultObjectCategory: CN=NTDS-DSA-RO,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class nTDSService

Used for an NTDS services object, which contains information about the configuration of the directory service forest. This object is kept in the CN=Directory Service,CN=Windows NT,CN=Services,CN=Configuration,... container.

1. cn: NTDS-Service
2. ldapDisplayName: nTDSService
3. governsId: 1.2.840.113556.1.5.72
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDS-DeletedObjectLifetime, tombstoneLifetime,
8. sPNMappings, replTopologyStayOfExecution, msDS-Other-Settings,
9. garbageCollPeriod, dSHeuristics
10. systemPossSuperiors: container
11. schemaIdGuid: 19195a5f-6da0-11d0-afd3-00c04fd930c9
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=NTDS-Service,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class nTDSSiteSettings

A container that holds all AD DS and Active Directory site-specific settings.

1. cn: NTDS-Site-Settings
2. ldapDisplayName: nTDSSiteSettings
3. governsId: 1.2.840.113556.1.5.69
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: applicationSiteSettings
7. systemMayContain: schedule, queryPolicyObject, options,
8. msDS-Preferred-GC-Site, managedBy, interSiteTopologyRenew,
9. interSiteTopologyGenerator, interSiteTopologyFailover
10. systemPossSuperiors: site
11. schemaIdGuid: 19195a5d-6da0-11d0-afd3-00c04fd930c9
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=NTDS-Site-Settings,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class nTFRSMember

Identifies a File Replication Service (FRS) replica set member.

1. cn: NTFRS-Member
2. ldapDisplayName: nTFRSMember
3. governsId: 1.2.840.113556.1.5.153
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: serverReference, fRSUpdateTimeout,
8. fRSServiceCommand, fRSRootSecurity, fRSPartnerAuthLevel, fRSFlags,
9. fRSExtensions, fRSControlOutboundBacklog, fRSControlInboundBacklog,
10. fRSControlDataCreation, frsComputerReference
11. systemPossSuperiors: nTFRSReplicaSet
12. schemaIdGuid: 2a132586-9373-11d1-aebc-0000f80367c1
13. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
14. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
15. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
16. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
17. defaultHidingValue: TRUE
18. systemOnly: FALSE
19. defaultObjectCategory: CN=NTFRS-Member,<SchemaNCDN>
20. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class nTFRSReplicaSet

Defines the replica set for the FRS.

1. cn: NTFRS-Replica-Set
2. ldapDisplayName: nTFRSReplicaSet
3. governsId: 1.2.840.113556.1.5.102
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: schedule, msFRS-Topology-Pref, msFRS-Hub-Member,
8. managedBy, fRSVersionGUID, fRSServiceCommand, fRSRootSecurity,
9. fRSReplicaSetType, fRSReplicaSetGUID, fRSPrimaryMember,
10. fRSPartnerAuthLevel, fRSLevelLimit, fRSFlags, fRSFileFilter,
11. fRSExtensions, fRSDSPoll, fRSDirectoryFilter
12. systemPossSuperiors: nTFRSSettings
13. schemaIdGuid: 5245803a-ca6a-11d0-afff-0000f80367c1
14. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
15. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
16. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
17. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
18. (OA;;CCDC;2a132586-9373-11d1-aebc-0000f80367c1;;ED)
19. defaultHidingValue: TRUE
20. systemOnly: FALSE
21. defaultObjectCategory: CN=NTFRS-Replica-Set,<SchemaNCDN>
22. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class nTFRSSettings

Identifies the specific settings for FRS.

1. cn: NTFRS-Settings
2. ldapDisplayName: nTFRSSettings
3. governsId: 1.2.840.113556.1.5.89
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: applicationSettings
7. systemMayContain: managedBy, fRSExtensions
8. systemPossSuperiors: nTFRSSettings, container, organizationalUnit,
9. organization
10. schemaIdGuid: f780acc2-56f0-11d1-a9c6-0000f80367c1
11. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
12. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
13. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
14. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=NTFRS-Settings,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class nTFRSSubscriber

Identifies a subscriber to a replica set.

1. cn: NTFRS-Subscriber
2. ldapDisplayName: nTFRSSubscriber
3. governsId: 1.2.840.113556.1.5.155
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: fRSStagingPath, fRSRootPath
8. systemMayContain: schedule, fRSUpdateTimeout,
9. fRSTimeLastConfigChange, fRSTimeLastCommand,
10. fRSServiceCommandStatus, fRSServiceCommand, fRSMemberReference,
11. fRSFlags, fRSFaultCondition, fRSExtensions
12. systemPossSuperiors: nTFRSSubscriptions
13. schemaIdGuid: 2a132588-9373-11d1-aebc-0000f80367c1
14. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
16. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
17. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
18. defaultHidingValue: TRUE
19. systemOnly: FALSE
20. defaultObjectCategory: CN=NTFRS-Subscriber,<SchemaNCDN>
21. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class nTFRSSubscriptions

Holds a set of subscriptions to a replica set.

1. cn: NTFRS-Subscriptions
2. ldapDisplayName: nTFRSSubscriptions
3. governsId: 1.2.840.113556.1.5.154
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: fRSWorkingPath, fRSVersion, fRSExtensions
8. systemPossSuperiors: user, computer, nTFRSSubscriptions
9. schemaIdGuid: 2a132587-9373-11d1-aebc-0000f80367c1
10. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=NTFRS-Subscriptions,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class oncRpc

An abstraction of an Open Network Computing (ONC) remote procedure call (RPC) binding, as specified in [[RFC1831]](https://go.microsoft.com/fwlink/?LinkId=90295).

1. cn: OncRpc
2. ldapDisplayName: oncRpc
3. governsId: 1.3.6.1.1.1.2.5
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: cn, oncRpcNumber
8. mayContain: description, msSFU30Name, msSFU30NisDomain, nisMapName,
9. msSFU30Aliases
10. possSuperiors: domainDNS, nisMap, container, organizationalUnit
11. schemaIdGuid: cadd1e5e-fefc-4f3f-b5a9-70e994204303
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=OncRpc,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class organization

Stores information about a company or organization.

1. cn: Organization
2. ldapDisplayName: organization
3. governsId: 2.5.6.4
4. objectClassCategory: 1
5. rdnAttId: o
6. subClassOf: top
7. systemMustContain: o
8. systemMayContain: x121Address, userPassword, telexNumber,
9. teletexTerminalIdentifier, telephoneNumber, street, st, seeAlso,
10. searchGuide, registeredAddress, preferredDeliveryMethod, postalCode,
11. postalAddress, postOfficeBox, physicalDeliveryOfficeName, l,
12. internationalISDNNumber, facsimileTelephoneNumber,
13. destinationIndicator, businessCategory
14. systemPossSuperiors: locality, country, domainDNS
15. schemaIdGuid: bf967aa3-0de6-11d0-a285-00aa003049e2
16. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
17. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
18. defaultHidingValue: FALSE
19. systemOnly: FALSE
20. defaultObjectCategory: CN=Organization,<SchemaNCDN>
21. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class organizationalPerson

Used for objects that contain organizational information about a user, such as the employee number, department, manager, title, office, or address.

1. cn: Organizational-Person
2. ldapDisplayName: organizationalPerson
3. governsId: 2.5.6.7
4. objectClassCategory: 0
5. rdnAttId: cn
6. subClassOf: person
7. mayContain: msDS-HABSeniorityIndex, msDS-PhoneticDisplayName,
8. msDS-PhoneticCompanyName, msDS-PhoneticDepartment,
9. msDS-PhoneticLastName, msDS-PhoneticFirstName, houseIdentifier,
10. msExchHouseIdentifier, homePostalAddress
11. systemMayContain: x121Address, comment, title, co,
12. primaryTelexNumber, telexNumber, teletexTerminalIdentifier, street,
13. st, registeredAddress, preferredDeliveryMethod, postalCode,
14. postalAddress, postOfficeBox, thumbnailPhoto,
15. physicalDeliveryOfficeName, pager, otherPager, otherTelephone,
16. mobile, otherMobile, primaryInternationalISDNNumber, ipPhone,
17. otherIpPhone, otherHomePhone, homePhone,
18. otherFacsimileTelephoneNumber, personalTitle, middleName,
19. otherMailbox, ou, o, mhsORAddress, msDS-AllowedToDelegateTo,
20. manager, thumbnailLogo, l, internationalISDNNumber, initials,
21. givenName, generationQualifier, facsimileTelephoneNumber,
22. employeeID, mail, division, destinationIndicator, department, c,
23. countryCode, company, assistant, streetAddress,
24. msDS-AllowedToActOnBehalfOfOtherIdentity
25. systemPossSuperiors: organizationalUnit, organization, container
26. schemaIdGuid: bf967aa4-0de6-11d0-a285-00aa003049e2
27. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
28. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
29. defaultHidingValue: TRUE
30. systemOnly: FALSE
31. defaultObjectCategory: CN=Person,<SchemaNCDN>
32. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class organizationalRole

Used for objects that contain information that pertains to a position or role in an organization, such as a system administrator or manager. This class can also be used for a nonhuman identity in an organization.

1. cn: Organizational-Role
2. ldapDisplayName: organizationalRole
3. governsId: 2.5.6.8
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: cn
8. systemMayContain: x121Address, telexNumber,
9. teletexTerminalIdentifier, telephoneNumber, street, st, seeAlso,
10. roleOccupant, registeredAddress, preferredDeliveryMethod,
11. postalCode, postalAddress, postOfficeBox,
12. physicalDeliveryOfficeName, ou, l, internationalISDNNumber,
13. facsimileTelephoneNumber, destinationIndicator
14. systemPossSuperiors: organizationalUnit, organization, container
15. schemaIdGuid: a8df74bf-c5ea-11d1-bbcb-0080c76670c0
16. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
17. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
18. defaultHidingValue: TRUE
19. systemOnly: FALSE
20. defaultObjectCategory: CN=Organizational-Role,<SchemaNCDN>
21. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class organizationalUnit

A container for storing users, computers, and other account objects.

1. cn: Organizational-Unit
2. ldapDisplayName: organizationalUnit
3. governsId: 2.5.6.5
4. objectClassCategory: 1
5. rdnAttId: ou
6. subClassOf: top
7. systemMustContain: ou
8. systemMayContain: x121Address, userPassword, uPNSuffixes, co,
9. telexNumber, teletexTerminalIdentifier, telephoneNumber, street, st,
10. seeAlso, searchGuide, registeredAddress, preferredDeliveryMethod,
11. postalCode, postalAddress, postOfficeBox,
12. physicalDeliveryOfficeName, msCOM-UserPartitionSetLink, managedBy,
13. thumbnailLogo, l, internationalISDNNumber, gPOptions, gPLink,
14. facsimileTelephoneNumber, destinationIndicator, desktopProfile,
15. defaultGroup, countryCode, c, businessCategory
16. systemPossSuperiors: country, organization, organizationalUnit,
17. domainDNS
18. schemaIdGuid: bf967aa5-0de6-11d0-a285-00aa003049e2
19. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
20. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
21. (OA;;CCDC;bf967a86-0de6-11d0-a285-00aa003049e2;;AO)
22. (OA;;CCDC;bf967aba-0de6-11d0-a285-00aa003049e2;;AO)
23. (OA;;CCDC;bf967a9c-0de6-11d0-a285-00aa003049e2;;AO)
24. (OA;;CCDC;bf967aa8-0de6-11d0-a285-00aa003049e2;;PO)
25. (A;;RPLCLORC;;;AU)(A;;LCRPLORC;;;ED)
26. (OA;;CCDC;4828CC14-1437-45bc-9B07-AD6F015E5F28;;AO)
27. defaultHidingValue: FALSE
28. systemOnly: FALSE
29. defaultObjectCategory: CN=Organizational-Unit,<SchemaNCDN>
30. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class packageRegistration

The registration information for an application.

1. cn: Package-Registration
2. ldapDisplayName: packageRegistration
3. governsId: 1.2.840.113556.1.5.49
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: versionNumberLo, versionNumberHi, vendor,
8. upgradeProductCode, setupCommand, productCode, packageType,
9. packageName, packageFlags, msiScriptSize, msiScriptPath,
10. msiScriptName, msiScript, msiFileList, managedBy,
11. machineArchitecture, localeID, lastUpdateSequence, installUiLevel,
12. iconPath, fileExtPriority, cOMTypelibId, cOMProgID, cOMInterfaceID,
13. cOMClassID, categories, canUpgradeScript
14. systemPossSuperiors: classStore
15. schemaIdGuid: bf967aa6-0de6-11d0-a285-00aa003049e2
16. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
17. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
18. defaultHidingValue: TRUE
19. systemOnly: FALSE
20. defaultObjectCategory: CN=Package-Registration,<SchemaNCDN>
21. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class person

Contains personal information about a user.

1. cn: Person
2. ldapDisplayName: person
3. governsId: 2.5.6.6
4. objectClassCategory: 0
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: cn
8. mayContain: attributeCertificateAttribute
9. systemMayContain: userPassword, telephoneNumber, sn, serialNumber,
10. seeAlso
11. systemPossSuperiors: organizationalUnit, container
12. schemaIdGuid: bf967aa7-0de6-11d0-a285-00aa003049e2
13. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=Person,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class physicalLocation

Stores physical address information.

1. cn: Physical-Location
2. ldapDisplayName: physicalLocation
3. governsId: 1.2.840.113556.1.5.97
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: locality
7. systemMayContain: managedBy
8. systemPossSuperiors: physicalLocation, configuration
9. schemaIdGuid: b7b13122-b82e-11d0-afee-0000f80367c1
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Physical-Location,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class pKICertificateTemplate

Contains information for certificates that are issued by Active Directory Certificate Services (AD CS).

1. cn: PKI-Certificate-Template
2. ldapDisplayName: pKICertificateTemplate
3. governsId: 1.2.840.113556.1.5.177
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: pKIOverlapPeriod, pKIMaxIssuingDepth, pKIKeyUsage,
8. pKIExtendedKeyUsage, pKIExpirationPeriod, pKIEnrollmentAccess,
9. pKIDefaultCSPs, pKIDefaultKeySpec, pKICriticalExtensions,
10. msPKI-RA-Signature, msPKI-RA-Policies,
11. msPKI-RA-Application-Policies, msPKI-Template-Schema-Version,
12. msPKI-Template-Minor-Revision, msPKI-Supersede-Templates,
13. msPKI-Private-Key-Flag, msPKI-Minimal-Key-Size,
14. msPKI-Enrollment-Flag, msPKI-Certificate-Policy,
15. msPKI-Certificate-Name-Flag, msPKI-Certificate-Application-Policy,
16. msPKI-Cert-Template-OID, flags, displayName
17. systemPossSuperiors: container
18. schemaIdGuid: e5209ca2-3bba-11d2-90cc-00c04fd91ab1
19. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
20. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
21. defaultHidingValue: TRUE
22. systemOnly: FALSE
23. defaultObjectCategory: CN=PKI-Certificate-Template,<SchemaNCDN>
24. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class pKIEnrollmentService

The certificate server that can process certificate requests and issue certificates.

1. cn: PKI-Enrollment-Service
2. ldapDisplayName: pKIEnrollmentService
3. governsId: 1.2.840.113556.1.5.178
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msPKI-Enrollment-Servers, msPKI-Site-Name,
8. signatureAlgorithms, enrollmentProviders, dNSHostName,
9. certificateTemplates, cACertificateDN, cACertificate
10. systemPossSuperiors: container
11. schemaIdGuid: ee4aa692-3bba-11d2-90cc-00c04fd91ab1
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=PKI-Enrollment-Service,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class posixAccount

An abstraction of an account that has Portable Operating System Interface (POSIX) attributes.

1. cn: PosixAccount
2. ldapDisplayName: posixAccount
3. governsId: 1.3.6.1.1.1.2.0
4. objectClassCategory: 3
5. rdnAttId: uid
6. subClassOf: top
7. mayContain: uid, cn, uidNumber, gidNumber, unixHomeDirectory,
8. homeDirectory, userPassword, unixUserPassword, loginShell, gecos,
9. description
10. schemaIdGuid: ad44bb41-67d5-4d88-b575-7b20674e76d8
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=PosixAccount,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class posixGroup

An abstraction of a group of accounts.

1. cn: PosixGroup
2. ldapDisplayName: posixGroup
3. governsId: 1.3.6.1.1.1.2.2
4. objectClassCategory: 3
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: cn, userPassword, unixUserPassword, description,
8. gidNumber, memberUid
9. schemaIdGuid: 2a9350b8-062c-4ed0-9903-dde10d06deba
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=PosixGroup,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class printQueue

Contains information about a print queue.

1. cn: Print-Queue
2. ldapDisplayName: printQueue
3. governsId: 1.2.840.113556.1.5.23
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: connectionPoint
7. systemMustContain: versionNumber, uNCName, shortServerName,
8. serverName, printerName
9. systemMayContain: priority, printStatus, printStartTime,
10. printStaplingSupported, printSpooling, printShareName,
11. printSeparatorFile, printRateUnit, printRate, printPagesPerMinute,
12. printOwner, printOrientationsSupported, printNumberUp, printNotify,
13. printNetworkAddress, printMinYExtent, printMinXExtent, printMemory,
14. printMediaSupported, printMediaReady, printMaxYExtent,
15. printMaxXExtent, printMaxResolutionSupported, printMaxCopies,
16. printMACAddress, printLanguage, printKeepPrintedJobs, printFormName,
17. printEndTime, printDuplexSupported, printColor, printCollate,
18. printBinNames, printAttributes, portName, physicalLocationObject,
19. operatingSystemVersion, operatingSystemServicePack,
20. operatingSystemHotfix, operatingSystem, location, driverVersion,
21. driverName, defaultPriority, bytesPerMinute, assetNumber
22. systemPossSuperiors: organizationalUnit, domainDNS, container,
23. computer
24. schemaIdGuid: bf967aa8-0de6-11d0-a285-00aa003049e2
25. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
26. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
27. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;PO)
28. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)(A;;RPLCLORC;;;AU)
29. defaultHidingValue: FALSE
30. systemOnly: FALSE
31. defaultObjectCategory: CN=Print-Queue,<SchemaNCDN>
32. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class queryPolicy

Holds administrative limits for LDAP server resources for sorted and paged results.

1. cn: Query-Policy
2. ldapDisplayName: queryPolicy
3. governsId: 1.2.840.113556.1.5.106
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: lDAPIPDenyList, lDAPAdminLimits
8. systemPossSuperiors: container
9. schemaIdGuid: 83cc7075-cca7-11d0-afff-0000f80367c1
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Query-Policy,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class remoteMailRecipient

An external mail recipient. This attribute is obsolete.

1. cn: Remote-Mail-Recipient
2. ldapDisplayName: remoteMailRecipient
3. governsId: 1.2.840.113556.1.5.24
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemAuxiliaryClass: mailRecipient
8. systemMayContain: remoteSourceType, remoteSource, managedBy
9. systemPossSuperiors: organizationalUnit, domainDNS
10. schemaIdGuid: bf967aa9-0de6-11d0-a285-00aa003049e2
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. (OA;;CR;ab721a55-1e2f-11d0-9819-00aa0040529b;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Remote-Mail-Recipient,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class remoteStorageServicePoint

Holds information about the remote storage location for files that are stored offline.

1. cn: Remote-Storage-Service-Point
2. ldapDisplayName: remoteStorageServicePoint
3. governsId: 1.2.840.113556.1.5.146
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: serviceAdministrationPoint
7. systemMayContain: remoteStorageGUID
8. systemPossSuperiors: computer
9. schemaIdGuid: 2a39c5bd-8960-11d1-aebc-0000f80367c1
10. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
11. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
12. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
13. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Remote-Storage-Service-Point,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class residentialPerson

Defines entries that represent a person in the residential environment.

1. cn: Residential-Person
2. ldapDisplayName: residentialPerson
3. governsId: 2.5.6.10
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: person
7. systemMayContain: x121Address, title, telexNumber,
8. teletexTerminalIdentifier, street, st, registeredAddress,
9. preferredDeliveryMethod, postalCode, postalAddress, postOfficeBox,
10. physicalDeliveryOfficeName, ou, l, internationalISDNNumber,
11. facsimileTelephoneNumber, destinationIndicator, businessCategory
12. systemPossSuperiors: locality, container
13. schemaIdGuid: a8df74d6-c5ea-11d1-bbcb-0080c76670c0
14. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
16. defaultHidingValue: TRUE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=Residential-Person,<SchemaNCDN>
19. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class rFC822LocalPart

Defines entries that represent the local part of mail addresses.

1. cn: rFC822LocalPart
2. ldapDisplayName: rFC822LocalPart
3. governsId: 0.9.2342.19200300.100.4.14
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: domain
7. mayContain: x121Address, telexNumber, teletexTerminalIdentifier,
8. telephoneNumber, street, sn, seeAlso, registeredAddress,
9. preferredDeliveryMethod, postOfficeBox, postalCode, postalAddress,
10. physicalDeliveryOfficeName, internationalISDNNumber,
11. facsimileTelephoneNumber, destinationIndicator, description, cn
12. possSuperiors: organizationalUnit, container
13. schemaIdGuid: b93e3a78-cbae-485e-a07b-5ef4ae505686
14. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
15. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
16. defaultHidingValue: TRUE
17. systemOnly: FALSE
18. defaultObjectCategory: CN=rFC822LocalPart,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class rIDManager

Contains the relative ID (RID) operations master (also known as flexible single master operations or FSMO) and the RID-Available-Pool location that is used by the RID Manager. The RID Manager is a component that runs on the domain controller and is responsible for allocating security identifiers.

1. cn: RID-Manager
2. ldapDisplayName: rIDManager
3. governsId: 1.2.840.113556.1.5.83
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: rIDAvailablePool
8. systemMayContain: msDS-RIDPoolAllocationEnabled
9. systemPossSuperiors: container
10. schemaIdGuid: 6617188d-8f3c-11d0-afda-00c04fd930c9
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. S:(AU;SA;CRWP;;;WD)
14. defaultHidingValue: TRUE
15. systemOnly: TRUE
16. defaultObjectCategory: CN=RID-Manager,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class rIDSet

Holds the RID pools that were allocated by the domain controller. There is one rIDSet for each writable domain controller. Since read-only domain controllers cannot originate the creation of security principals (or other objects), they do not require RID pools or the rIDSet objects that maintain them.

1. cn: RID-Set
2. ldapDisplayName: rIDSet
3. governsId: 1.2.840.113556.1.5.129
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: rIDUsedPool, rIDPreviousAllocationPool,
8. rIDNextRID, rIDAllocationPool
9. systemPossSuperiors: user, container, computer
10. schemaIdGuid: 7bfdcb89-4807-11d1-a9c3-0000f80367c1
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: TRUE
15. defaultObjectCategory: CN=RID-Set,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class room

Defines entries that represent rooms.

1. cn: room
2. ldapDisplayName: room
3. governsId: 0.9.2342.19200300.100.4.7
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. mustContain: cn
8. mayContain: location, telephoneNumber, seeAlso, description,
9. roomNumber
10. possSuperiors: organizationalUnit, container
11. schemaIdGuid: 7860e5d2-c8b0-4cbb-bd45-d9455beb9206
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=room,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class rpcContainer

The default container for RPC endpoints.

1. cn: Rpc-Container
2. ldapDisplayName: rpcContainer
3. governsId: 1.2.840.113556.1.5.136
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: container
7. systemMayContain: nameServiceFlags
8. systemPossSuperiors: container
9. schemaIdGuid: 80212842-4bdc-11d1-a9c4-0000f80367c1
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Rpc-Container,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class rpcEntry

An abstract class whose subclasses are used by the RPC Name Service (Ns), which is accessed through the RpcNs\* functions in the Win32 API.

1. cn: rpc-Entry
2. ldapDisplayName: rpcEntry
3. governsId: 1.2.840.113556.1.5.27
4. objectClassCategory: 2
5. rdnAttId: cn
6. subClassOf: connectionPoint
7. systemPossSuperiors: container
8. schemaIdGuid: bf967aac-0de6-11d0-a285-00aa003049e2
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=rpc-Entry,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class rpcGroup

Represents an RPC group.

1. cn: rpc-Group
2. ldapDisplayName: rpcGroup
3. governsId: 1.2.840.113556.1.5.80
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: rpcEntry
7. systemMayContain: rpcNsObjectID, rpcNsGroup
8. systemPossSuperiors: container
9. schemaIdGuid: 88611bdf-8cf4-11d0-afda-00c04fd930c9
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=rpc-Group,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class rpcProfile

Represents an RPC profile.

1. cn: rpc-Profile
2. ldapDisplayName: rpcProfile
3. governsId: 1.2.840.113556.1.5.82
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: rpcEntry
7. systemPossSuperiors: container
8. schemaIdGuid: 88611be1-8cf4-11d0-afda-00c04fd930c9
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=rpc-Profile,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class rpcProfileElement

Holds an entry in an RPC profile.

1. cn: rpc-Profile-Element
2. ldapDisplayName: rpcProfileElement
3. governsId: 1.2.840.113556.1.5.26
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: rpcEntry
7. systemMustContain: rpcNsPriority, rpcNsInterfaceID
8. systemMayContain: rpcNsProfileEntry, rpcNsAnnotation
9. systemPossSuperiors: rpcProfile
10. schemaIdGuid: f29653cf-7ad0-11d0-afd6-00c04fd930c9
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=rpc-Profile-Element,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class rpcServer

Represents a particular server that is holding one or more RPC interfaces.

1. cn: rpc-Server
2. ldapDisplayName: rpcServer
3. governsId: 1.2.840.113556.1.5.81
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: rpcEntry
7. systemMayContain: rpcNsObjectID, rpcNsEntryFlags, rpcNsCodeset
8. systemPossSuperiors: container
9. schemaIdGuid: 88611be0-8cf4-11d0-afda-00c04fd930c9
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=rpc-Server,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class rpcServerElement

Represents a single interface in a specified RPC server.

1. cn: rpc-Server-Element
2. ldapDisplayName: rpcServerElement
3. governsId: 1.2.840.113556.1.5.73
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: rpcEntry
7. systemMustContain: rpcNsTransferSyntax, rpcNsInterfaceID,
8. rpcNsBindings
9. systemPossSuperiors: rpcServer
10. schemaIdGuid: f29653d0-7ad0-11d0-afd6-00c04fd930c9
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=rpc-Server-Element,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class rRASAdministrationConnectionPoint

Contains the connection point for the Routing and Remote Access service.

1. cn: RRAS-Administration-Connection-Point
2. ldapDisplayName: rRASAdministrationConnectionPoint
3. governsId: 1.2.840.113556.1.5.150
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: serviceAdministrationPoint
7. systemMayContain: msRRASAttribute
8. systemPossSuperiors: computer
9. schemaIdGuid: 2a39c5be-8960-11d1-aebc-0000f80367c1
10. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
11. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;DA)
12. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;CO)
13. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=RRAS-Administration-Connection-Point,
17. <SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class rRASAdministrationDictionary

A dictionary object for translating vendor-specific routing attributes to names.

1. cn: RRAS-Administration-Dictionary
2. ldapDisplayName: rRASAdministrationDictionary
3. governsId: 1.2.840.113556.1.5.156
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msRRASVendorAttributeEntry
8. systemPossSuperiors: container
9. schemaIdGuid: f39b98ae-938d-11d1-aebd-0000f80367c1
10. defaultSecurityDescriptor: D:(A;;RPLCLORC;;;AU)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=RRAS-Administration-Dictionary,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class samDomain

An auxiliary class that holds common properties for Windows NT domains.

1. cn: Sam-Domain
2. ldapDisplayName: samDomain
3. governsId: 1.2.840.113556.1.5.3
4. objectClassCategory: 3
5. rdnAttId: cn
6. subClassOf: top
7. systemAuxiliaryClass: samDomainBase
8. systemMayContain: treeName, rIDManagerReference, replicaSource,
9. pwdProperties, pwdHistoryLength, privateKey, pekList,
10. pekKeyChangeInterval, nTMixedDomain, nextRid, nETBIOSName,
11. msDS-PerUserTrustTombstonesQuota, msDS-PerUserTrustQuota,
12. ms-DS-MachineAccountQuota, msDS-LogonTimeSyncInterval,
13. msDS-AllUsersTrustQuota, modifiedCountAtLastProm, minPwdLength,
14. minPwdAge, maxPwdAge, lSAModifiedCount, lSACreationTime,
15. lockoutThreshold, lockoutDuration, lockOutObservationWindow,
16. gPOptions, gPLink, eFSPolicy, domainPolicyObject, desktopProfile,
17. description, defaultLocalPolicyObject, creationTime,
18. controlAccessRights, cACertificate, builtinModifiedCount,
19. builtinCreationTime, auditingPolicy
20. schemaIdGuid: bf967a90-0de6-11d0-a285-00aa003049e2
21. defaultSecurityDescriptor: D:
22. (OA;;CR;1131f6aa-9c07-11d1-f79f-00c04fc2dcd2;;RO)(A;;RP;;;WD)
23. (OA;;CR;1131f6aa-9c07-11d1-f79f-00c04fc2dcd2;;ED)
24. (OA;;CR;1131f6ab-9c07-11d1-f79f-00c04fc2dcd2;;ED)
25. (OA;;CR;1131f6ac-9c07-11d1-f79f-00c04fc2dcd2;;ED)
26. (OA;;CR;1131f6aa-9c07-11d1-f79f-00c04fc2dcd2;;BA)
27. (OA;;CR;1131f6ab-9c07-11d1-f79f-00c04fc2dcd2;;BA)
28. (OA;;CR;1131f6ac-9c07-11d1-f79f-00c04fc2dcd2;;BA)(A;;RPLCLORC;;;AU)
29. (A;;RPWPCRLCLOCCRCWDWOSW;;;DA)(A;CI;RPWPCRLCLOCCRCWDWOSDSW;;;BA)
30. (A;;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;SY)
31. (A;CI;RPWPCRLCLOCCDCRCWDWOSDDTSW;;;EA)(A;CI;LC;;;RU)
32. (OA;CIIO;RP;037088f8-0ae1-11d2-b422-00a0c968f939;
33. bf967aba-0de6-11d0-a285-00aa003049e2;RU)
34. (OA;CIIO;RP;59ba2f42-79a2-11d0-9020-00c04fc2d3cf;
35. bf967aba-0de6-11d0-a285-00aa003049e2;RU)
36. (OA;CIIO;RP;bc0ac240-79a9-11d0-9020-00c04fc2d4cf;
37. bf967aba-0de6-11d0-a285-00aa003049e2;RU)
38. (OA;CIIO;RP;4c164200-20c0-11d0-a768-00aa006e0529;
39. bf967aba-0de6-11d0-a285-00aa003049e2;RU)
40. (OA;CIIO;RP;5f202010-79a5-11d0-9020-00c04fc2d4cf;
41. bf967aba-0de6-11d0-a285-00aa003049e2;RU)
42. (OA;;RP;c7407360-20bf-11d0-a768-00aa006e0529;;RU)
43. (OA;CIIO;RPLCLORC;;bf967a9c-0de6-11d0-a285-00aa003049e2;RU)
44. (A;;RPRC;;;RU)(OA;CIIO;RPLCLORC;;
45. bf967aba-0de6-11d0-a285-00aa003049e2;RU)(A;;LCRPLORC;;;ED)
46. (OA;CIIO;RP;037088f8-0ae1-11d2-b422-00a0c968f939;
47. 4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
48. (OA;CIIO;RP;59ba2f42-79a2-11d0-9020-00c04fc2d3cf;
49. 4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
50. (OA;CIIO;RP;bc0ac240-79a9-11d0-9020-00c04fc2d4cf;
51. 4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
52. (OA;CIIO;RP;4c164200-20c0-11d0-a768-00aa006e0529;
53. 4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
54. (OA;CIIO;RP;5f202010-79a5-11d0-9020-00c04fc2d4cf;
55. 4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
56. (OA;CIIO;RPLCLORC;;4828CC14-1437-45bc-9B07-AD6F015E5F28;RU)
57. (OA;;RP;b8119fd0-04f6-4762-ab7a-4986c76b3f9a;;RU)
58. (OA;;RP;b8119fd0-04f6-4762-ab7a-4986c76b3f9a;;AU)
59. (OA;CIIO;RP;b7c69e6d-2cc7-11d2-854e-00a0c983f608;
60. bf967aba-0de6-11d0-a285-00aa003049e2;ED)
61. (OA;CIIO;RP;b7c69e6d-2cc7-11d2-854e-00a0c983f608;
62. bf967a9c-0de6-11d0-a285-00aa003049e2;ED)
63. (OA;CIIO;RP;b7c69e6d-2cc7-11d2-854e-00a0c983f608;
64. bf967a86-0de6-11d0-a285-00aa003049e2;ED)
65. (OA;CIIO;WP;ea1b7b93-5e48-46d5-bc6c-4df4fda78a35;
66. bf967a86-0de6-11d0-a285-00aa003049e2;PS)
67. (OA;;CR;1131f6ad-9c07-11d1-f79f-00c04fc2dcd2;;DD)
68. (OA;;CR;89e95b76-444d-4c62-991a-0facbeda640c;;ED)
69. (OA;;CR;1131f6ad-9c07-11d1-f79f-00c04fc2dcd2;;BA)
70. (OA;;CR;89e95b76-444d-4c62-991a-0facbeda640c;;BA)
71. (OA;;CR;e2a36dc9-ae17-47c3-b58b-be34c55ba633;;S-1-5-32-557)
72. (OA;;CR;280f369c-67c7-438e-ae98-1d46f3c6f541;;AU)
73. (OA;;CR;ccc2dc7d-a6ad-4a7a-8846-c04e3cc53501;;AU)
74. (OA;;CR;05c74c5e-4deb-43b4-bd9f-86664c2a7fd5;;AU)
75. (OA;;CR;1131f6ae-9c07-11d1-f79f-00c04fc2dcd2;;ED)
76. (OA;;CR;1131f6ae-9c07-11d1-f79f-00c04fc2dcd2;;BA)
77. (OA;CIIO;CRRPWP;91e647de-d96f-4b70-9557-d63ff4f3ccd8;;PS)
78. (OA;CIOI;RPWP;3f78c3e5-f79a-46bd-a0b8-9d18116ddc79;;PS)
79. S:(AU;SA;WDWOWP;;;WD)(AU;SA;CR;;;BA)(AU;SA;CR;;;DU)
80. (OU;CISA;WP;f30e3bbe-9ff0-11d1-b603-0000f80367c1;
81. bf967aa5-0de6-11d0-a285-00aa003049e2;WD)
82. (OU;CISA;WP;f30e3bbf-9ff0-11d1-b603-0000f80367c1;
83. bf967aa5-0de6-11d0-a285-00aa003049e2;WD)
84. defaultHidingValue: TRUE
85. systemOnly: FALSE
86. defaultObjectCategory: CN=Sam-Domain,<SchemaNCDN>
87. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class samDomainBase

A base class for defining domains.

1. cn: Sam-Domain-Base
2. ldapDisplayName: samDomainBase
3. governsId: 1.2.840.113556.1.5.2
4. objectClassCategory: 3
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: uASCompat, serverState, serverRole, revision,
8. pwdProperties, pwdHistoryLength, oEMInformation, objectSid,
9. nTSecurityDescriptor, nextRid, modifiedCountAtLastProm,
10. modifiedCount, minPwdLength, minPwdAge, maxPwdAge, lockoutThreshold,
11. lockoutDuration, lockOutObservationWindow, forceLogoff,
12. domainReplica, creationTime
13. schemaIdGuid: bf967a91-0de6-11d0-a285-00aa003049e2
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Sam-Domain-Base,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class samServer

Holds a revision level and a security descriptor that specifies who can make remote procedure calls (RPCs) through the Security Accounts Manager (SAM) interface.

1. cn: Sam-Server
2. ldapDisplayName: samServer
3. governsId: 1.2.840.113556.1.5.5
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: securityObject
7. systemMayContain: samDomainUpdates
8. systemPossSuperiors: domainDNS
9. schemaIdGuid: bf967aad-0de6-11d0-a285-00aa003049e2
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. (A;;RPLCLORC;;;RU)(OA;;CR;91d67418-0135-4acc-8d79-c08e857cfbec;;AU)
13. (OA;;CR;91d67418-0135-4acc-8d79-c08e857cfbec;;RU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Sam-Server,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class secret

A Local Security Authority secret that is used for trust relationships and to save service passwords.

1. cn: Secret
2. ldapDisplayName: secret
3. governsId: 1.2.840.113556.1.5.28
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: leaf
7. systemMayContain: priorValue, priorSetTime, lastSetTime, currentValue
8. systemPossSuperiors: container
9. schemaIdGuid: bf967aae-0de6-11d0-a285-00aa003049e2
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=Secret,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class securityObject

An auxiliary class that identifies security principals.

1. cn: Security-Object
2. ldapDisplayName: securityObject
3. governsId: 1.2.840.113556.1.5.1
4. objectClassCategory: 2
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: cn
8. systemPossSuperiors: container
9. schemaIdGuid: bf967aaf-0de6-11d0-a285-00aa003049e2
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Security-Object,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class securityPrincipal

Contains the security information for an object.

1. cn: Security-Principal
2. ldapDisplayName: securityPrincipal
3. governsId: 1.2.840.113556.1.5.6
4. objectClassCategory: 3
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: sAMAccountName, objectSid
8. systemMayContain: supplementalCredentials, sIDHistory,
9. securityIdentifier, sAMAccountType, rid, tokenGroupsNoGCAcceptable,
10. tokenGroupsGlobalAndUniversal, tokenGroups, nTSecurityDescriptor,
11. msDS-KeyVersionNumber, altSecurityIdentities, accountNameHistory,
12. msds-tokenGroupNames, msds-tokenGroupNamesGlobalAndUniversal,
13. msds-tokenGroupNamesNoGCAcceptable
14. schemaIdGuid: bf967ab0-0de6-11d0-a285-00aa003049e2
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=Security-Principal,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class server

Represents a server computer within a site.

1. cn: Server
2. ldapDisplayName: server
3. governsId: 1.2.840.113556.1.5.17
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: msDS-IsUserCachableAtRodc, msDS-SiteName,
8. msDS-isRODC, msDS-isGC, mailAddress, serverReference, serialNumber,
9. managedBy, dNSHostName, bridgeheadTransportList
10. systemPossSuperiors: serversContainer
11. schemaIdGuid: bf967a92-0de6-11d0-a285-00aa003049e2
12. defaultSecurityDescriptor: D:(A;CI;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Server,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class serversContainer

Holds server objects within a site.

1. cn: Servers-Container
2. ldapDisplayName: serversContainer
3. governsId: 1.2.840.113556.1.5.7000.48
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: site
8. schemaIdGuid: f780acc0-56f0-11d1-a9c6-0000f80367c1
9. defaultSecurityDescriptor: D:(A;;CC;;;BA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=Servers-Container,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class serviceAdministrationPoint

Holds binding information for connecting to a service in order to administer it.

1. cn: Service-Administration-Point
2. ldapDisplayName: serviceAdministrationPoint
3. governsId: 1.2.840.113556.1.5.94
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: serviceConnectionPoint
7. systemPossSuperiors: computer
8. schemaIdGuid: b7b13123-b82e-11d0-afee-0000f80367c1
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=Service-Administration-Point,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class serviceClass

Stores the properties of a Winsock service.

1. cn: Service-Class
2. ldapDisplayName: serviceClass
3. governsId: 1.2.840.113556.1.5.29
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: leaf
7. systemMustContain: serviceClassID, displayName
8. systemMayContain: serviceClassInfo
9. systemPossSuperiors: container
10. schemaIdGuid: bf967ab1-0de6-11d0-a285-00aa003049e2
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=Service-Class,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class serviceConnectionPoint

Publishes information that client applications can use to bind to a service.

1. cn: Service-Connection-Point
2. ldapDisplayName: serviceConnectionPoint
3. governsId: 1.2.840.113556.1.5.126
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: connectionPoint
7. systemMayContain: versionNumberLo, versionNumberHi, versionNumber,
8. vendor, serviceDNSNameType, serviceDNSName, serviceClassName,
9. serviceBindingInformation, appSchemaVersion
10. systemPossSuperiors: organizationalUnit, container, computer
11. schemaIdGuid: 28630ec1-41d5-11d1-a9c1-0000f80367c1
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
13. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;CO)
14. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
15. defaultHidingValue: TRUE
16. systemOnly: FALSE
17. defaultObjectCategory: CN=Service-Connection-Point,<SchemaNCDN>
18. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class serviceInstance

A connection point object that is used by the Windows Sockets Registration and Resolution (RnR) name service. The serviceInstance object class is used by various namespace providers (such as DNS) to differentiate the type of data returned during service publication.

1. cn: Service-Instance
2. ldapDisplayName: serviceInstance
3. governsId: 1.2.840.113556.1.5.30
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: connectionPoint
7. systemMustContain: serviceClassID, displayName
8. systemMayContain: winsockAddresses, serviceInstanceVersion
9. systemPossSuperiors: container
10. schemaIdGuid: bf967ab2-0de6-11d0-a285-00aa003049e2
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=Service-Instance,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class shadowAccount

Provides additional attributes for shadow passwords.

1. cn: ShadowAccount
2. ldapDisplayName: shadowAccount
3. governsId: 1.3.6.1.1.1.2.1
4. objectClassCategory: 3
5. rdnAttId: uid
6. subClassOf: top
7. mayContain: uid, userPassword, description, shadowLastChange,
8. shadowMin, shadowMax, shadowWarning, shadowInactive, shadowExpire,
9. shadowFlag
10. schemaIdGuid: 5b6d8467-1a18-4174-b350-9cc6e7b4ac8d
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: TRUE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=ShadowAccount,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class simpleSecurityObject

Allows an entry to have a userPassword attribute when the principal object classes of an entry do not allow userPassword as an attribute type.

1. cn: simpleSecurityObject
2. ldapDisplayName: simpleSecurityObject
3. governsId: 0.9.2342.19200300.100.4.19
4. objectClassCategory: 3
5. rdnAttId: cn
6. subClassOf: top
7. mayContain: userPassword
8. schemaIdGuid: 5fe69b0b-e146-4f15-b0ab-c1e5d488e094
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLOLORCWOWDSDDTDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=simpleSecurityObject,<SchemaNCDN>

Version-Specific Behavior: Implemented on Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class site

A container for storing server objects. This class represents a physical location that contains computers. It is used to manage replication.

1. cn: Site
2. ldapDisplayName: site
3. governsId: 1.2.840.113556.1.5.31
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: notificationList, mSMQSiteID, mSMQSiteForeign,
8. mSMQNt4Stub, mSMQInterval2, mSMQInterval1, managedBy, location,
9. gPOptions, gPLink, msDS-BridgeHeadServersUsed
10. systemPossSuperiors: sitesContainer
11. schemaIdGuid: bf967ab3-0de6-11d0-a285-00aa003049e2
12. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
13. (A;;RPLCLORC;;;AU)(A;;LCRPLORC;;;ED)
14. defaultHidingValue: TRUE
15. systemOnly: FALSE
16. defaultObjectCategory: CN=Site,<SchemaNCDN>
17. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class siteLink

Represents the connection between two sites.

1. cn: Site-Link
2. ldapDisplayName: siteLink
3. governsId: 1.2.840.113556.1.5.147
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: siteList
8. systemMayContain: schedule, replInterval, options, cost
9. systemPossSuperiors: interSiteTransport
10. schemaIdGuid: d50c2cde-8951-11d1-aebc-0000f80367c1
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: FALSE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=Site-Link,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class siteLinkBridge

An object that tracks the site links that are transitively connected.

1. cn: Site-Link-Bridge
2. ldapDisplayName: siteLinkBridge
3. governsId: 1.2.840.113556.1.5.148
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: siteLinkList
8. systemPossSuperiors: interSiteTransport
9. schemaIdGuid: d50c2cdf-8951-11d1-aebc-0000f80367c1
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: FALSE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Site-Link-Bridge,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class sitesContainer

A container that stores site objects. This class is located in the configuration naming context.

1. cn: Sites-Container
2. ldapDisplayName: sitesContainer
3. governsId: 1.2.840.113556.1.5.107
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: configuration
8. schemaIdGuid: 7a4117da-cd67-11d0-afff-0000f80367c1
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=Sites-Container,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class storage

A generic object that publishes Universal Naming Conventions (UNCs) for files.

1. cn: Storage
2. ldapDisplayName: storage
3. governsId: 1.2.840.113556.1.5.33
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: connectionPoint
7. systemMayContain: monikerDisplayName, moniker, iconPath
8. systemPossSuperiors: container
9. schemaIdGuid: bf967ab5-0de6-11d0-a285-00aa003049e2
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Storage,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class subnet

Represents a specific network subnet to which servers and workstations are attached.

1. cn: Subnet
2. ldapDisplayName: subnet
3. governsId: 1.2.840.113556.1.5.96
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: siteObject, physicalLocationObject, location
8. systemPossSuperiors: subnetContainer
9. schemaIdGuid: b7b13124-b82e-11d0-afee-0000f80367c1
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Subnet,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class subnetContainer

A container that holds all subnet objects.

1. cn: Subnet-Container
2. ldapDisplayName: subnetContainer
3. governsId: 1.2.840.113556.1.5.95
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemPossSuperiors: sitesContainer
8. schemaIdGuid: b7b13125-b82e-11d0-afee-0000f80367c1
9. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSW;;;DA)
10. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
11. defaultHidingValue: TRUE
12. systemOnly: FALSE
13. defaultObjectCategory: CN=Subnet-Container,<SchemaNCDN>
14. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class subSchema

Contains the schema definition.

1. cn: SubSchema
2. ldapDisplayName: subSchema
3. governsId: 2.5.20.1
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: objectClasses, modifyTimeStamp, extendedClassInfo,
8. extendedAttributeInfo, dITContentRules, attributeTypes
9. systemPossSuperiors: dMD
10. schemaIdGuid: 5a8b3261-c38d-11d1-bbc9-0080c76670c0
11. defaultSecurityDescriptor: D:S:
12. defaultHidingValue: TRUE
13. systemOnly: TRUE
14. defaultObjectCategory: CN=SubSchema,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT | FLAG\_DOMAIN\_DISALLOW\_RENAME

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class top

The top-level class from which all classes are derived.

1. cn: Top
2. ldapDisplayName: top
3. governsId: 2.5.6.0
4. objectClassCategory: 2
5. rdnAttId: cn
6. subClassOf: top
7. systemMustContain: objectClass, objectCategory, nTSecurityDescriptor,
8. instanceType
9. mayContain: msSFU30PosixMemberOf, msDFSR-ComputerReferenceBL,
10. msDFSR-MemberReferenceBL, msDS-ObjectReferenceBL
11. systemMayContain: msDS-EnabledFeatureBL, msDS-LastKnownRDN,
12. msDS-HostServiceAccountBL, msDS-CloudAnchor,
13. msDS-OIDToGroupLinkBl, msDS-LocalEffectiveRecycleTime,
14. msDS-LocalEffectiveDeletionTime, isRecycled, msDS-NcType,
15. msDS-PSOApplied, msDS-PrincipalName,
16. msDS-RevealedListBL, msDS-AuthenticatedToAccountlist,
17. msDS-IsPartialReplicaFor, msDS-IsDomainFor, msDS-IsFullReplicaFor,
18. msDS-RevealedDSAs, msDS-KrbTgtLinkBl, url, wWWHomePage, whenCreated,
19. whenChanged, wellKnownObjects, wbemPath, uSNSource, uSNLastObjRem,
20. USNIntersite, uSNDSALastObjRemoved, uSNCreated, uSNChanged,
21. systemFlags, subSchemaSubEntry, subRefs, structuralObjectClass,
22. siteObjectBL, serverReferenceBL, sDRightsEffective, revision,
23. repsTo, repsFrom, directReports, replUpToDateVector,
24. replPropertyMetaData, name, queryPolicyBL, proxyAddresses,
25. proxiedObjectName, possibleInferiors, partialAttributeSet,
26. partialAttributeDeletionList, otherWellKnownObjects, objectVersion,
27. objectGUID, distinguishedName, nonSecurityMemberBL, netbootSCPBL,
28. ownerBL, msDS-ReplValueMetaData, msDS-ReplAttributeMetaData,
29. msDS-NonMembersBL, msDS-NCReplOutboundNeighbors,
30. msDS-NCReplInboundNeighbors, msDS-NCReplCursors,
31. msDS-TasksForAzRoleBL, msDS-TasksForAzTaskBL,
32. msDS-OperationsForAzRoleBL, msDS-OperationsForAzTaskBL,
33. msDS-MembersForAzRoleBL, msDs-masteredBy, mS-DS-ConsistencyGuid,
34. mS-DS-ConsistencyChildCount, msDS-Approx-Immed-Subordinates,
35. msCOM-PartitionSetLink, msCOM-UserLink, modifyTimeStamp, masteredBy,
36. managedObjects, lastKnownParent, isPrivilegeHolder, memberOf,
37. isDeleted, isCriticalSystemObject, showInAdvancedViewOnly,
38. fSMORoleOwner, fRSMemberReferenceBL, frsComputerReferenceBL,
39. fromEntry, flags, extensionName, dSASignature,
40. dSCorePropagationData, displayNamePrintable, displayName,
41. description, createTimeStamp, cn, canonicalName,
42. bridgeheadServerListBL, allowedChildClassesEffective,
43. allowedChildClasses, allowedAttributesEffective, allowedAttributes,
44. adminDisplayName, adminDescription, msDS-NC-RO-Replica-Locations-BL,
45. msDS-ClaimSharesPossibleValuesWithBL, msDS-MembersOfResourcePropertyListBL,
46. msDS-IsPrimaryComputerFor, msDS-ValueTypeReferenceBL, msDS-TDOIngressBL,
47. msDS-TDOEgressBL, msds-memberTransitive, msds-memberOfTransitive,
48. msDS-parentdistname, msDS-ReplValueMetaDataExt, msDS-SourceAnchor,
49. msDS-ObjectSoa
50. systemPossSuperiors: lostAndFound
51. schemaIdGuid: bf967ab7-0de6-11d0-a285-00aa003049e2
52. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
53. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
54. defaultHidingValue: TRUE
55. systemOnly: TRUE
56. defaultObjectCategory: CN=Top,<SchemaNCDN>
57. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class trustedDomain

An object that represents a domain that is trusted by, or trusting, the local domain.

1. cn: Trusted-Domain
2. ldapDisplayName: trustedDomain
3. governsId: 1.2.840.113556.1.5.34
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: leaf
7. systemMayContain: msDS-SupportedEncryptionTypes, trustType,
8. trustPosixOffset, trustPartner, trustDirection, trustAuthOutgoing,
9. trustAuthIncoming, trustAttributes, securityIdentifier,
10. msDS-TrustForestTrustInfo, mS-DS-CreatorSID, initialAuthOutgoing,
11. initialAuthIncoming, flatName, domainIdentifier, domainCrossRef,
12. additionalTrustedServiceNames, msDS-IngressClaimsTransformationPolicy,
13. msDS-EgressClaimsTransformationPolicy
14. systemPossSuperiors: container
15. schemaIdGuid: bf967ab8-0de6-11d0-a285-00aa003049e2
16. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
17. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
18. (OA;;WP;736e4812-af31-11d2-b7df-00805f48caeb;
19. bf967ab8-0de6-11d0-a285-00aa003049e2;CO)(A;;SD;;;CO)
20. defaultHidingValue: TRUE
21. systemOnly: FALSE
22. defaultObjectCategory: CN=Trusted-Domain,<SchemaNCDN>
23. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class typeLibrary

Contains information about a type library.

1. cn: Type-Library
2. ldapDisplayName: typeLibrary
3. governsId: 1.2.840.113556.1.5.53
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: top
7. systemMayContain: cOMUniqueLIBID, cOMInterfaceID, cOMClassID
8. systemPossSuperiors: classStore
9. schemaIdGuid: 281416e2-1968-11d0-a28f-00aa003049e2
10. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
11. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
12. defaultHidingValue: TRUE
13. systemOnly: FALSE
14. defaultObjectCategory: CN=Type-Library,<SchemaNCDN>
15. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class user

Stores information about an employee or contractor who works for an organization. It is also possible to apply this class to long-term visitors.

1. cn: User
2. ldapDisplayName: user
3. governsId: 1.2.840.113556.1.5.9
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: organizationalPerson
7. auxiliaryClass: shadowAccount, posixAccount
8. systemAuxiliaryClass: securityPrincipal, mailRecipient, msDS-CloudExtensions
9. mayContain: msSFU30NisDomain, msSFU30Name, msDS-SourceObjectDN,
10. x500uniqueIdentifier, userSMIMECertificate, userPKCS12, uid,
11. secretary, roomNumber, preferredLanguage, photo, labeledURI,
12. jpegPhoto, homePostalAddress, givenName, employeeType,
13. employeeNumber, displayName, departmentNumber, carLicense, audio
14. systemMayContain: msTSPrimaryDesktop, msTSSecondaryDesktops,
15. msPKI-CredentialRoamingTokens, msDS-ResultantPSO, msTSLSProperty01,
16. msTSLSProperty02, msTSManagingLS2, msTSManagingLS3, msTSManagingLS4,
17. msTSLicenseVersion2, msTSLicenseVersion3, msTSLicenseVersion4,
18. msTSExpireDate2, msTSExpireDate3, msTSExpireDate4,
19. msDS-AuthenticatedAtDC, msDS-UserPasswordExpiryTimeComputed,
20. msTSManagingLS, msTSLicenseVersion, msTSExpireDate, msTSProperty02,
21. msTSProperty01, msTSInitialProgram, msTSWorkDirectory,
22. msTSDefaultToMainPrinter, msTSConnectPrinterDrives,
23. msTSConnectClientDrives, msTSBrokenConnectionAction,
24. msTSReconnectionAction, msTSMaxIdleTime, msTSMaxConnectionTime,
25. msTSMaxDisconnectionTime, msTSRemoteControl, msTSAllowLogon,
26. msTSHomeDrive, msTSHomeDirectory, msTSProfilePath,
27. msDS-FailedInteractiveLogonCountAtLastSuccessfulLogon,
28. msDS-FailedInteractiveLogonCount,
29. msDS-LastFailedInteractiveLogonTime,
30. msDS-LastSuccessfulInteractiveLogonTime,
31. msRADIUS-SavedFramedIpv6Route, msRADIUS-FramedIpv6Route,
32. msRADIUS-SavedFramedIpv6Prefix, msRADIUS-FramedIpv6Prefix,
33. msRADIUS-SavedFramedInterfaceId, msRADIUS-FramedInterfaceId,
34. msPKIAccountCredentials, msPKIDPAPIMasterKeys,
35. msPKIRoamingTimeStamp, msDS-SupportedEncryptionTypes,
36. msDS-SecondaryKrbTgtNumber, pager, o, mobile, manager, mail,
37. initials, homePhone, businessCategory, userCertificate,
38. userWorkstations, userSharedFolderOther, userSharedFolder,
39. userPrincipalName, userParameters, userAccountControl, unicodePwd,
40. terminalServer, servicePrincipalName, scriptPath, pwdLastSet,
41. profilePath, primaryGroupID, preferredOU, otherLoginWorkstations,
42. operatorCount, ntPwdHistory, networkAddress, msRASSavedFramedRoute,
43. msRASSavedFramedIPAddress, msRASSavedCallbackNumber,
44. msRADIUSServiceType, msRADIUSFramedRoute, msRADIUSFramedIPAddress,
45. msRADIUSCallbackNumber, msNPSavedCallingStationID,
46. msNPCallingStationID, msNPAllowDialin, mSMQSignCertificatesMig,
47. mSMQSignCertificates, mSMQDigestsMig, mSMQDigests, msIIS-FTPRoot,
48. msIIS-FTPDir, msDS-User-Account-Control-Computed,
49. msDS-Site-Affinity, mS-DS-CreatorSID,
50. msDS-Cached-Membership-Time-Stamp, msDS-Cached-Membership,
51. msDRM-IdentityCertificate, msCOM-UserPartitionSetLink, maxStorage,
52. logonWorkstation, logonHours, logonCount, lockoutTime, localeID,
53. lmPwdHistory, lastLogonTimestamp, lastLogon, lastLogoff, homeDrive,
54. homeDirectory, groupsToIgnore, groupPriority, groupMembershipSAM,
55. dynamicLDAPServer, desktopProfile, defaultClassStore, dBCSPwd,
56. controlAccessRights, codePage, badPwdCount, badPasswordTime,
57. adminCount, aCSPolicyName, accountExpires, msDS-PrimaryComputer,
58. msDS-SyncServerUrl, msDS-AssignedAuthNPolicy, msDS-AssignedAuthNPolicySilo,
59. msDS-AuthNPolicySiloMembersBL, msDS-KeyPrincipalBL, msDS-KeyCredentialLink
60. schemaIdGuid: bf967aba-0de6-11d0-a285-00aa003049e2
61. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
62. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)
63. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;AO)(A;;RPLCLORC;;;PS)
64. (OA;;CR;ab721a53-1e2f-11d0-9819-00aa0040529b;;PS)
65. (OA;;CR;ab721a54-1e2f-11d0-9819-00aa0040529b;;PS)
66. (OA;;CR;ab721a56-1e2f-11d0-9819-00aa0040529b;;PS)
67. (OA;;RPWP;77B5B886-944A-11d1-AEBD-0000F80367C1;;PS)
68. (OA;;RPWP;E45795B2-9455-11d1-AEBD-0000F80367C1;;PS)
69. (OA;;RPWP;E45795B3-9455-11d1-AEBD-0000F80367C1;;PS)
70. (OA;;RP;037088f8-0ae1-11d2-b422-00a0c968f939;;RS)
71. (OA;;RP;4c164200-20c0-11d0-a768-00aa006e0529;;RS)
72. (OA;;RP;bc0ac240-79a9-11d0-9020-00c04fc2d4cf;;RS)(A;;RC;;;AU)
73. (OA;;RP;59ba2f42-79a2-11d0-9020-00c04fc2d3cf;;AU)
74. (OA;;RP;77B5B886-944A-11d1-AEBD-0000F80367C1;;AU)
75. (OA;;RP;E45795B3-9455-11d1-AEBD-0000F80367C1;;AU)
76. (OA;;RP;e48d0154-bcf8-11d1-8702-00c04fb96050;;AU)
77. (OA;;CR;ab721a53-1e2f-11d0-9819-00aa0040529b;;WD)
78. (OA;;RP;5f202010-79a5-11d0-9020-00c04fc2d4cf;;RS)
79. (OA;;RPWP;bf967a7f-0de6-11d0-a285-00aa003049e2;;CA)
80. (OA;;RP;46a9b11d-60ae-405a-b7e8-ff8a58d456d2;;S-1-5-32-560)
81. (OA;;WPRP;6db69a1c-9422-11d1-aebd-0000f80367c1;;S-1-5-32-561)
82. (OA;;WPRP;5805bc62-bdc9-4428-a5e2-856a0f4c185e;;S-1-5-32-561)
83. systemPossSuperiors: builtinDomain, organizationalUnit, domainDNS
84. defaultHidingValue: FALSE
85. systemOnly: FALSE
86. defaultObjectCategory: CN=Person,<SchemaNCDN>
87. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

## Class volume

Contains information about a storage device or file. This class is used to create shared folders.

1. cn: Volume
2. ldapDisplayName: volume
3. governsId: 1.2.840.113556.1.5.36
4. objectClassCategory: 1
5. rdnAttId: cn
6. subClassOf: connectionPoint
7. systemMustContain: uNCName
8. systemMayContain: lastContentIndexed, contentIndexingAllowed
9. systemPossSuperiors: organizationalUnit, domainDNS
10. schemaIdGuid: bf967abb-0de6-11d0-a285-00aa003049e2
11. defaultSecurityDescriptor: D:(A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;DA)
12. (A;;RPWPCRCCDCLCLORCWOWDSDDTSW;;;SY)(A;;RPLCLORC;;;AU)
13. defaultHidingValue: FALSE
14. systemOnly: FALSE
15. defaultObjectCategory: CN=Volume,<SchemaNCDN>
16. systemFlags: FLAG\_SCHEMA\_BASE\_OBJECT

Version-Specific Behavior: Implemented on Windows 2000 Server, Windows Server 2003, Windows Server 2003 R2, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.

# Change Tracking

No table of changes is available. The document is either new or has had no changes since its last release.

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